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DLP Projection TV

SERVICE MANUAL

CHASSIS : NB-03JC

MODEL : RU-44SZ61D RU-52SZ61D

CAUTION

BEFORE SERVICING THE CHASSIS,
READ THE SAFETY PRECAUTIONS IN THIS MANUAL.

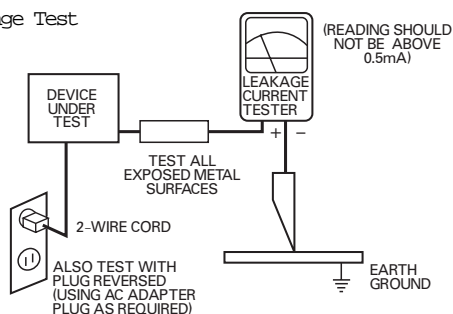


SAFETY PRECAUTIONS

1. Before returning an instrument to the customer, always make a safety check of the entire instrument, including, but not limited to, the following items:
 - a. Be sure that no built-in protective devices are defective and/or have been defeated during servicing. (1) Protective shields are provided on this chassis to protect both the technician and the customer. Correctly replace all missing protective shields, including any removed for servicing convenience. (2) When reinstalling the chassis and/or other assemblies in the cabinet, be sure to put back in place all protective devices, including, but not limited to, nonmetallic control knobs, insulating fishpapers, adjustment and compartment covers/shields, and isolation resistor/capacitor networks. **Do not operate this instrument or permit it to be operated without all protective devices correctly installed and functioning.**
 - b. Be sure that there are no cabinet openings through which an adult or child might be able to insert their fingers and contact a hazardous voltage. Such openings include, but are not limited to, (1) spacing between the picture tube and the cabinet back, (2) excessively wide cabinet ventilation slots, and (3) an improperly fitted and/or incorrectly secured cabinet back cover.
 - c. **Antenna Cold Check**-With the instrument AC plug removed from any AC source, connect an electrical jumper across the two AC plug prongs. Place the instrument AC switch in the on position. Connect one lead of an ohmmeter to the AC plug prongs tied together and touch the other ohmmeter lead in turn to each tuner antenna input exposed terminal screw and, if applicable, to the coaxial connector. If the measured resistance is less than 1.0 megohm or greater than 5.2 megohm, an abnormality exists that must be corrected before the instrument is returned to the customer. Repeat this test with the instrument AC switch in the off position.
 - d. **Leakage Current Hot Check**-With the instrument completely reassembled, plug the AC line cord directly into a 120 V AC outlet. (Do not use an isolation transformer during this test.) Use a leakage current tester or a metering system that complies with American National Standards Institute (ANSI) C101.1 Leakage Current for Appliances and Underwriters Laboratories (UL) 1410, (50.7). With the instrument AC switch first in the on position and then in the off position, measure from a known earth ground (metal waterpipe, conduit, etc.) to all exposed metal parts of the instrument (antennas, handle bracket, metal cabinet, screwheads, metallic overlays, control shafts, etc.), especially any exposed metal parts that offer an electrical return path to the chassis. Any current measured must not exceed 0.5 milliamp. Reverse the instrument power cord plug in the outlet and repeat the test.

ANY MEASUREMENTS NOT WITHIN THE LIMITS SPECIFIED HEREIN INDICATE A POTENTIAL SHOCK HAZARD THAT MUST BE ELIMINATED BEFORE RETURNING THE INSTRUMENT TO THE CUSTOMER.

AC Leakage Test



- e. **X-Radiation and High Voltage Limits**-Because the picture tube is the primary potential source of X-radiation in solid-state TV receivers, it is specially constructed to prohibit X-radiation emissions. For continued X-radiation protection, the replacement picture tube must be the same type as the original. Also, because the picture tube shields and mounting hardware perform an X-radiation protection function, they must be correctly in place. High voltage must be measured each time servicing is done that involves B+, horizontal deflection, or high voltage. Correct operation of the X-radiation protection circuits also must be reconfirmed each time

they are serviced. (X-radiation protection circuits also may be called "horizontal disable" or "hold-down.") Read and apply the high voltage limits and, if the chassis is so equipped, the X-radiation protection circuit specifications given on instrument labels and in the **Product Safety & X-radiation Warning** note on the service data chassis schematic. High voltage is maintained within specified limits by close-tolerance safety-related components/adjustments in the high-voltage circuit. If high voltage exceeds specified limits, check each component specified on the chassis schematic and take corrective action.

2. Read and comply with all caution and safety-related notes on or inside the receiver cabinet, on the receiver chassis, or on the picture tube.
3. **Design Alteration Warning**- Do not alter or add to the mechanical or electrical design of this TV receiver. Design alterations and additions, including, but not limited to, circuit modifications and the addition of items such as auxiliary audio and/or video output connections, might alter the safety characteristics of this receiver and create a hazard to the user. Any design alterations or additions will void the manufacturer's warranty and will make you, the servicer responsible for personal injury or property damage resulting therefrom.
4. **Picture Tube Implosion Protection Warning**-The picture tube in this receiver employs integral implosion protection. For continued implosion protection, replace the picture tube only with one of the same type and number. Do not remove, install, or otherwise handle the picture tube in any manner without first putting on shatterproof goggles equipped with side shields. People not so equipped must be kept safely away while picture tubes are handled. Keep the picture tube away from your body. Do not handle the picture tube by its neck. Some "in-line" picture tubes are equipped with a permanently attached deflection yoke; because of potential hazard, do not try to remove such "permanently attached" yokes from the picture tube.
5. **Hot Chassis Warning**-a. Some TV receiver chassis are electrically connected directly to one conductor of the AC power cord and may be safely serviced without an isolation transformer only if the AC power plug is inserted so that the chassis is connected to the ground side of the AC power source. To confirm that the AC power plug is inserted correctly, with an AC voltmeter measure between the chassis and a known earth ground. If a voltage reading in excess of 10 V is obtained, remove and reinsert the AC power plug in the opposite polarity and again measure the voltage potential between the chassis and a known earth ground. b. Some TV receiver chassis normally have 85 V AC (RMS) between chassis and earth ground regardless of the AC plug polarity. These chassis can be safely serviced only with an isolation transformer inserted in the power line between the receiver and the AC power source, for both personnel and test equipment protection. c. Some TV receiver chassis have a secondary ground system in addition to the main chassis ground. This secondary ground system is isolated from the AC power line. The two ground systems are electrically separated by insulating material that must not be defeated or altered.

6. Observe original lead dress. Take extra care to assure correct lead dress in the following areas: a. near sharp edges, b. near thermally hot parts- be sure that leads and components do not touch, c. the AC supply, d. high voltage, and e. antenna wiring. Always inspect in all areas for pinched, out-of-place, or frayed wiring. Do not change spacing between components, and between components and the printed circuit board. Check the AC power cord for damage.
7. Components, parts, and/or wiring that appear to have overheated or are otherwise damaged should be replaced with components, parts, or wiring that meet original specifications. Additionally, determine the cause of overheating and/or damage and, if necessary, take corrective action to remove any potential safety hazard.

8. PRODUCT SAFETY NOTICE

Some electrical and mechanical parts have special safety related characteristics which are often not evident from visual inspection, nor can the protection they give necessarily be obtained by replacing them with components rated for higher voltage, wattage, etc. Parts that have special safety characteristics are identified by shading, by a Δ , or by Δ on schematics and parts lists. Use of a substitute replacement that does not have the same safety characteristics as the recommended replacement parts might create shock, fire, and/or other hazards. Product safety is under review continuously and new instructions are issued whenever appropriate.

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SPECIFICATIONS

Models

RU-44SZ61D	Horizontal Size (Inches)	41.7
	Height (Inches)	30.1
	Depth (Inches)	14
	Weight (lbs.)	64
RU-52SZ61D	Horizontal Size (Inches)	48.6
	Height (Inches)	35.1
	Depth (Inches)	15.3
	Weight (lbs.)	80
Power Requirement	AC 120V, 60Hz	
Television System	American TV Standard, NTSC, ATSC with STB	
Television Channels	VHF: 2 - 13 UHF: 14 - 69 CATV: 1 - 125	
Power Consumption (W)	270W	
Antenna	75 ohm External Terminal for VHF/UHF	
Audio Output (W)	15W x 2	
Supplied Accessories	Remote control, 2 size AA batteries.	
External Input/Output Ports	Video input (3 set) Video output (1 set) S-Video input (2) Component input (2 set) RGB input (1) DVI input (1) RGB/DVI audio input (1 set) Variable audio output (1 set) Audio center mode input (1) Calibration port (1)	

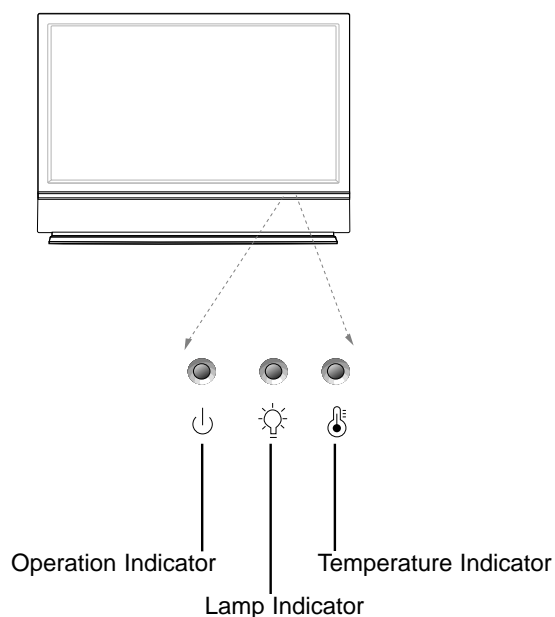


Design and specifications are subject to change without prior notice.

DESCRIPTION OF CONTROLS

Function Status Indicators

Lamp indicator, operation indicator, and temperature indicator located below the front panel controls, reveal the operating status of the DLP projection TV.



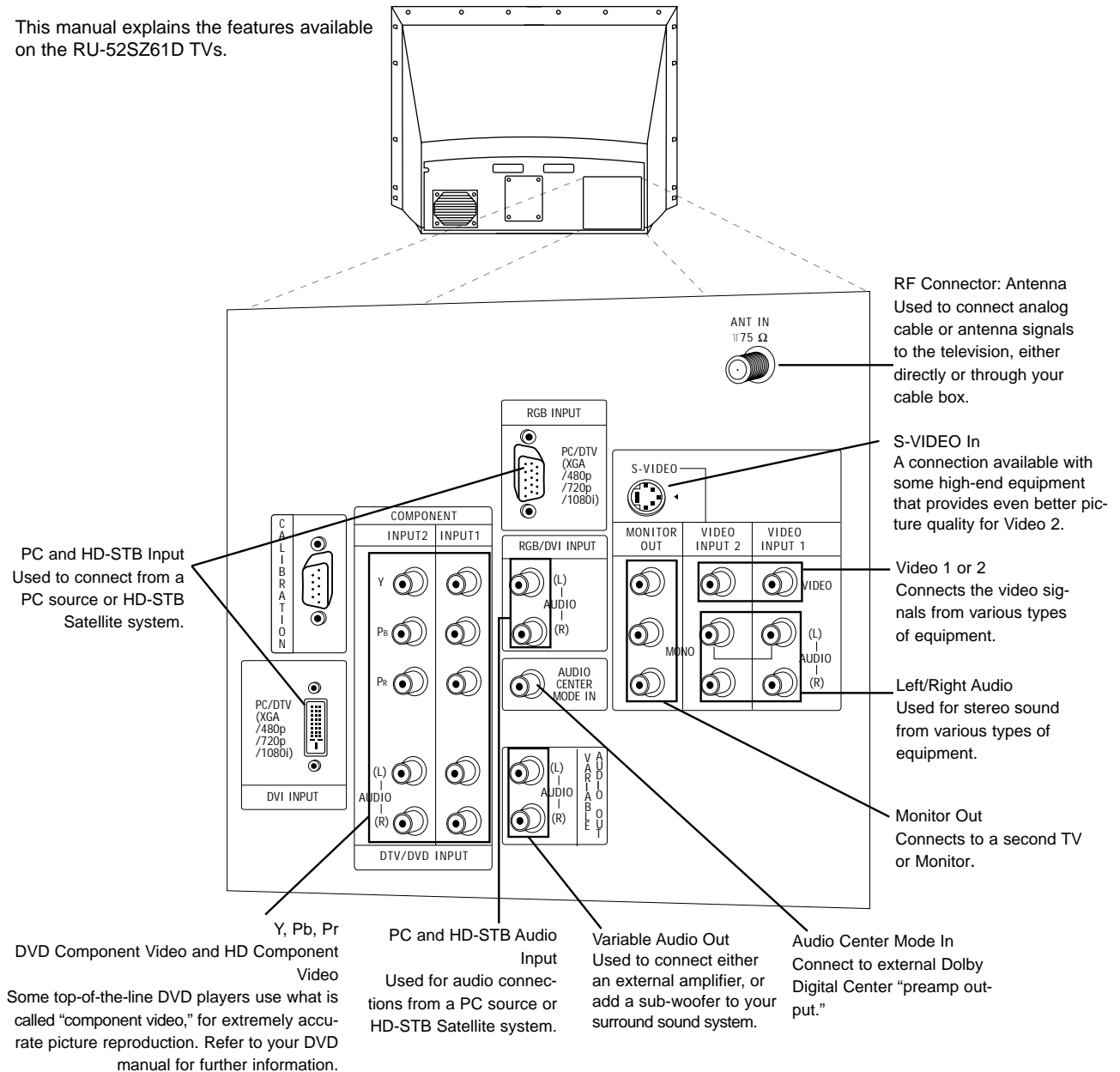
Operation Indicator	Off	Power cord is not connected.
	Red	Power Cord is connected, TV is in standby mode.
	Green	On
	Orange (flashing)	Preparing operation in standby mode.
Lamp Indicator	Orange	Projection lamp is reaching the end of its life and needs to be replaced with a new lamp.
	Red (flashing)	There is a problem with the lamp or around it. Contact an authorized service center.
	Green (flashing)	The lamp cover is not closed.
Temperature Indicator	Orange	The projection TV is overheating.
	Red	The projection TV shut down due to overheating.
	Red (flashing)	The projection TV shut down, check the cooling fan.

DESCRIPTION OF CONTROLS

Rear Connections Panel

Connecting cables and external equipment to your TV.

This manual explains the features available on the RU-52SZ61D TVs.



Mini glossary

JACK A connection on the back of a TV, VCR, or any other A/V device. This includes the RF jack and the Audio/Video jacks that are color-coded.

SIGNAL Picture and sound traveling through cable, or over the air, to your television screen.

DESCRIPTION OF CONTROLS

Front Connection Panel

There are four jacks on the left front side behind the screen on your projection TV that make connecting Audio/Video devices like video games and camcorders very simple.

The jacks are like those found on the back jack connection panel. This means that most equipment that connects to those types of jacks on the rear jackpack, may be connected to the front connection panel.

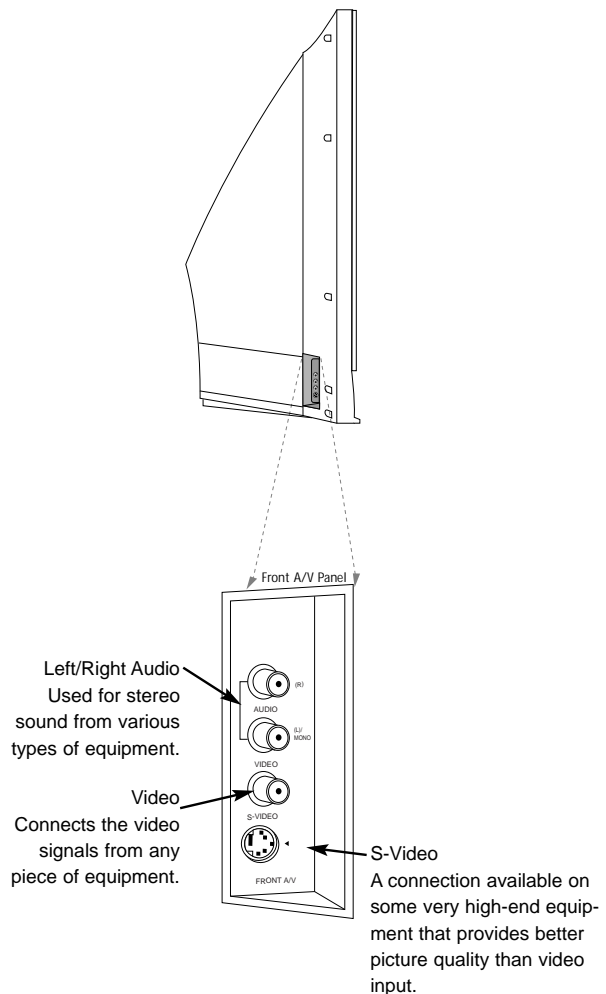
To use the front jacks as the signal source, select them using Main Input menu as described on page 25. They will be named "Front Video" in the Main Input menu.



If you select either Front Video or Front S-Video, the Front audio inputs are automatically selected as well.



If you're connecting a video game device, make sure to change the picture settings with the EZ Picture option in the Video menu.



Mini glossary

A/V CABLES Audio/Video cables. Three cable connector—Right audio (red), Left audio (white), and Video (yellow). A/V cables are used for stereo playback of videocassettes and for higher quality picture and sound from other A/V devices.

A/V DEVICE Any device that produces video or sound (VCR, DVD, cable box, or television).

DESCRIPTION OF CONTROLS

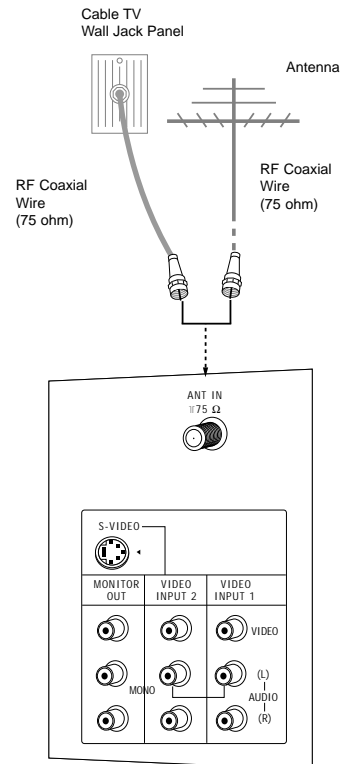
ANT / Cable Service Hookup

1

Connect an antenna and/or cable service to your TV as shown.

2

Turn to page 22 to do a channel search with EZ Scan for Ant/Cable connection(s).



If you receive your RF signal through an antenna that is several years old and connects with two small prongs, you will need to purchase a 300 to 75 ohm adapter. It should be available from your local electronics dealer.

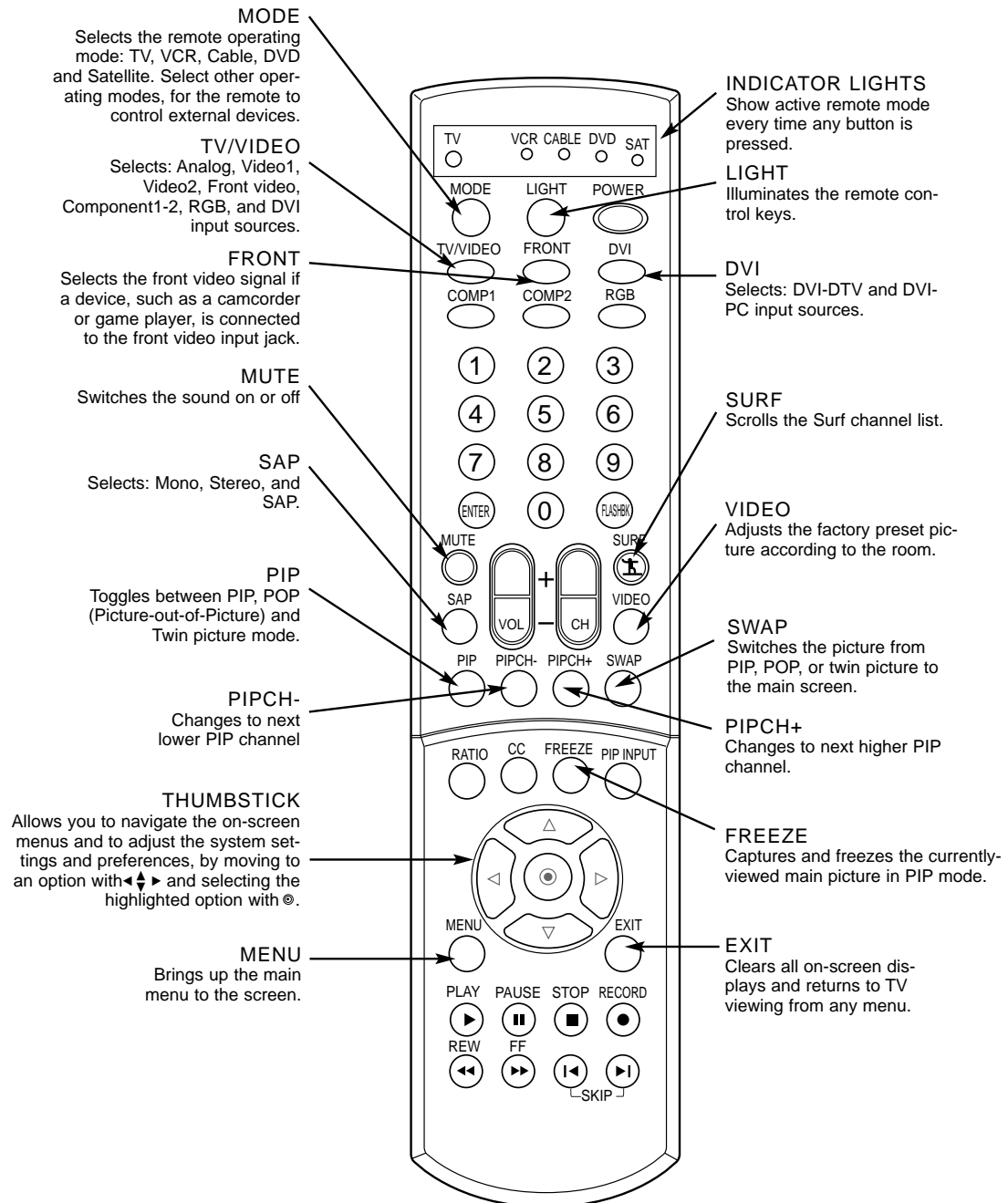


We recommend using a 75 ohm cable for your antenna connections in order to prevent interference.

For best signal reception, it is recommended to have your Antenna professionally adjusted.

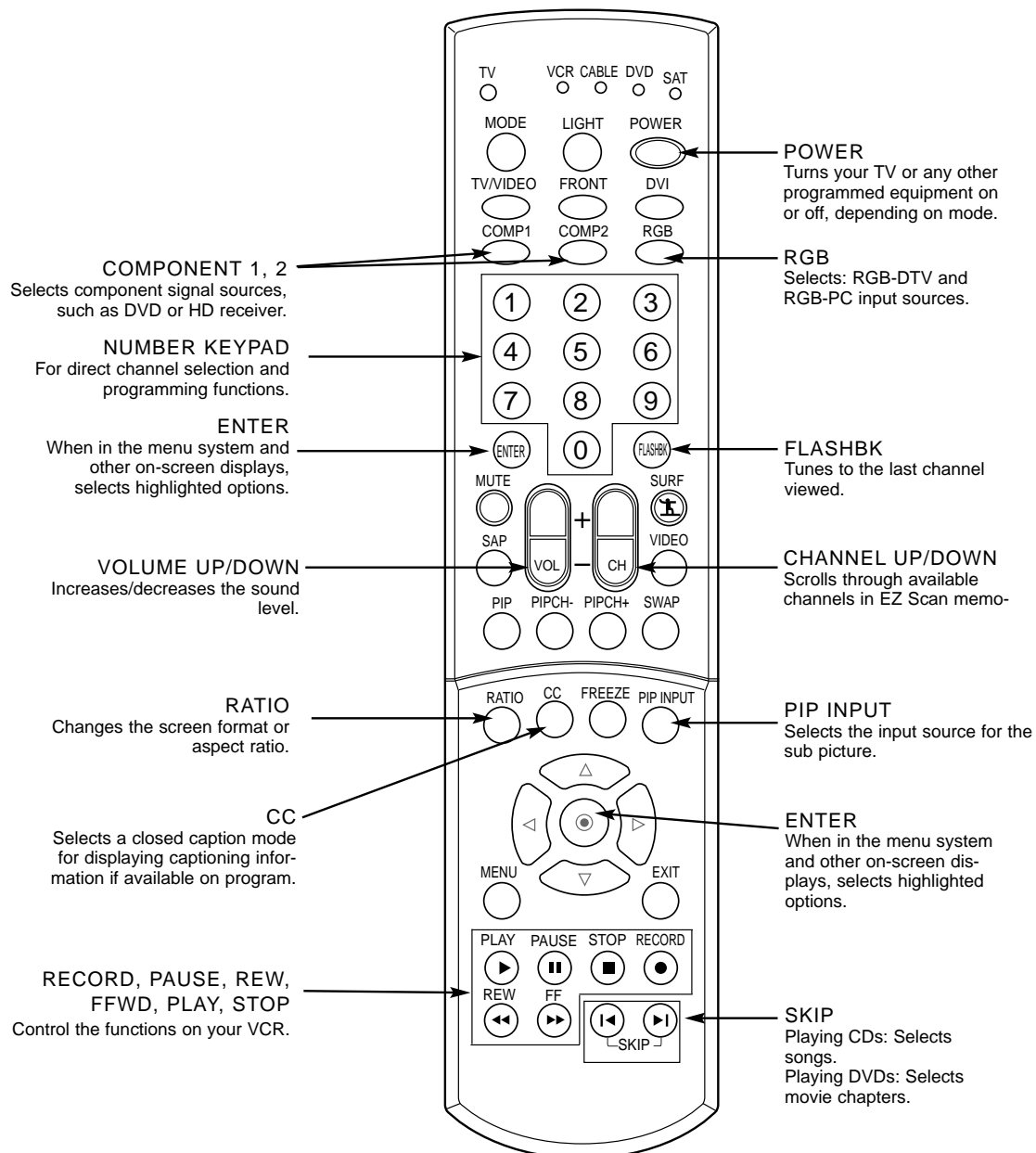
DESCRIPTION OF CONTROLS

Remote Control Functions in TV Mode



DESCRIPTION OF CONTROLS

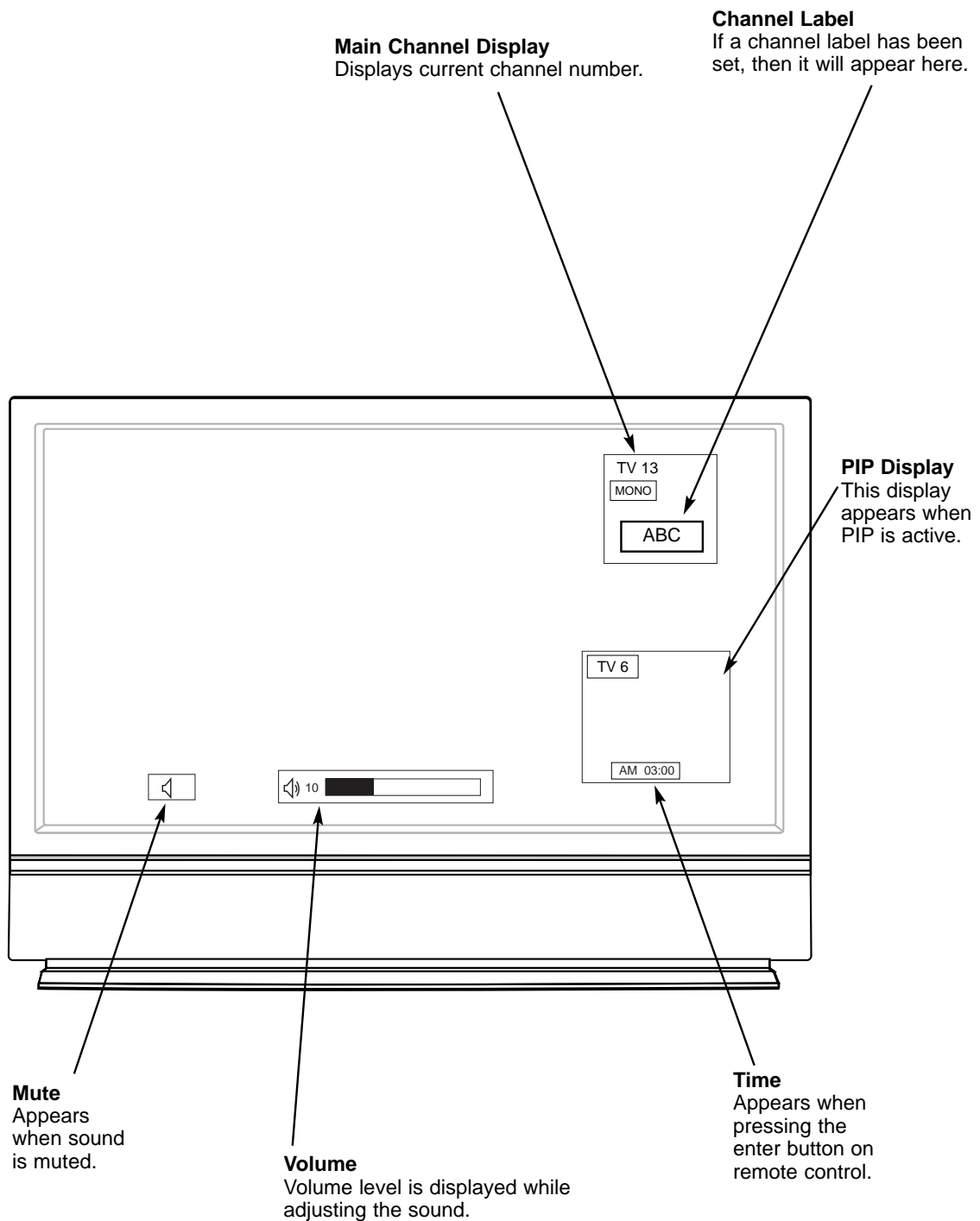
Remote Control Functions in TV Mode



DESCRIPTION OF CONTROLS

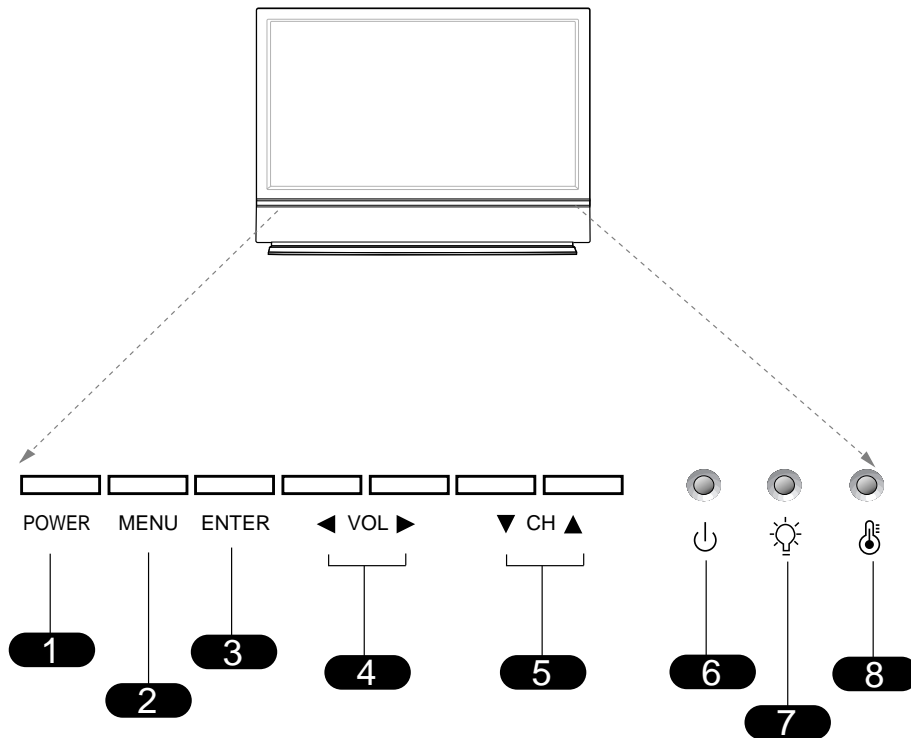
On-Screen Displays

This page describes your on-screen display and information banner options.



DESCRIPTION OF CONTROLS

Front Panel Controls



- 1** POWER
- 2** MENU
- 3** ENTER (Same as ENTER button on your remote control)
- 4** VOLUME UP / DOWN
- 5** CHANNEL UP / DOWN
- 6** Operation indicator.
- 7** Lamp indicator.
- 8** Temperature indicator.



See menu pages for instructions on using the on-screen menus.



The POWER, CHANNEL, TV/VIDEO, and VOLUME buttons work just as they do on your remote control.



If TV is moved from cold to normal room temperature, humidity may form inside TV, wait 3 hours for TV to adjust to room temperature before turning it on.

- This manual explains the features available on the RU-52SZ61D TVs.

ADJUSTMENT INSTRUCTIONS

1. Application Object

This instruction is for the application to the DLP Projection TV(Chassis: NB-03JC).

2. Notes

- (1) The power source insulation of this DLP Projection is not charging type and you may not use the transformer for insulation. But you'd better adjust the set after operating it with insulation transformer between power supply cable and input part of the set for protecting the adjusting equipments.
- (2) The adjustment must be performed under the correct sequence.
- (3) The adjustment must be performed in the circumstance of 25±5°C of temperature and 65±10% of relative humidity if there is no specific designation.
- (4) The input voltage of the receiver must keep 110V, 60Hz in adjusting.
- (5) The set must be operated for 5 minutes preliminarily before adjustment if there is no specific designation. The preliminary operation must be performed after receiving 100% white pattern, but reception of the moving picture may also be possible in unavoidable case.

3. Composition of Adjustment Mode

- (1) All adjustment mode are entered by pressing the ADJ key on the remote control, after adjustment press the ADJ key to come out.
- (2) Below picture is screen composition when press the first ADJ key.

EZ ADJ Mode	
1. System Option	▶
2. CWI	
3. Pattern	
4. Position	
5. White Balance	
6. VPX3226	
7. AD9883 Adjust	
Lamp Type	OSRAM
Main Version	V2 .00
Sub Version	01.02
DDP1010 Version	1.95

<Fig 1> Adjustment Mode OSD

- (3) Select menu to adjust with using (CH+(▲),CH-(▼)) key above screen and press Enter key or Volume+(▶)key to adjust on the wanting menu.

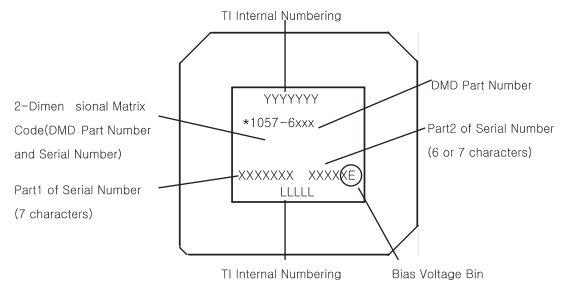
- (4) Adjust the value of adjustment with using the volume +(◀),volume -(▶) key.
- (5) Press the ADJ key to come out after adjustment.

(6) Preparation for Adjustment

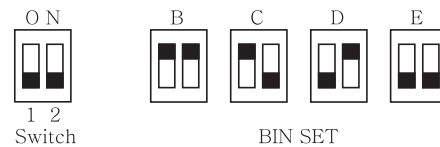
- 1) Connect the power to TV Set and set the status of "Power on".
- 2) Heat-Run must operate over 5 minutes before adjustment.

4. Driver Board Bin Setting

See Bias Voltage Bin on the DMD as shown Fig 2 and adjust the switch on the lower Driver Board as shown Fig 3.

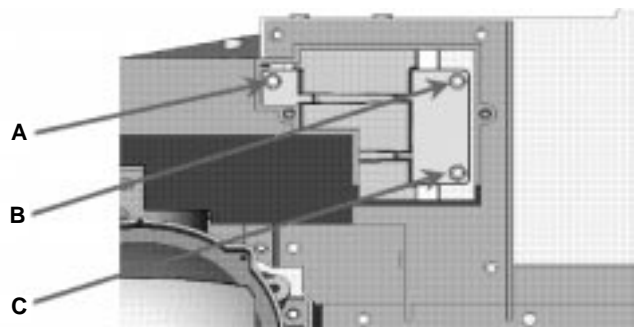


<Fig 2> DMD Marking Locations



<Fig 3> Driver Board Bin Setting

5. Adjustment the optical engine



<Fig 4>

- (1) After placing the optical engine on the JIG, adjust illuminator by adjusting the A, B, and C as shown Fig 4.

ADJUSTMENT INSTRUCTIONS

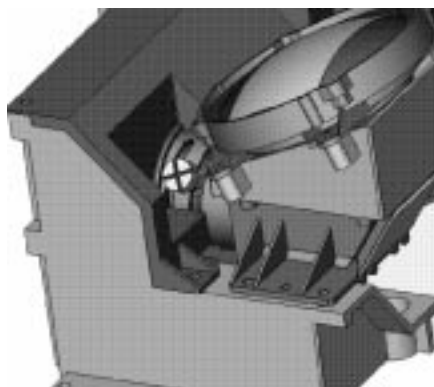
- 1) The screen change when adjusting the A
 - When fasten the screw: Fall out the upper/right illuminator
 - When loosen the screw: Fall out the lower/left illuminator
- 2) The screen change when adjusting the B
 - When fasten the screw: Fall out the lower illuminator
 - When loosen the screw: Fall out the upper illuminator
- 3) The screen change when adjusting the C
 - When fasten the screw: Fall out the upper/left illuminator
 - When loosen the screw: Fall out the lower/right illuminator

Check the spot (phenomenon such as Light tunnel exit) on the edge of the white screen as shown Fig 5.



<Fig 5>

- (2) After adjustment the illuminator, adjust the focus using the focus adjustment screw of projection lens. After fasten the nut tightly, inject the resilock. (Fig. 6)



<Fig 6>

* Caution: The focus check position is not the center screen but to be same proportion about upper/lower screen.

- 1) The pattern when adjustment



<Fig 7.>

- 2) Adjust the 4 gold ellipse to focus as same level.
- 3) If you can't check the DMD cell boulder at red center position after adjustment, regard as NG.
- 4) The magnified pattern for checking the focus adjustment



6. Caution for DMD(Digital Micro-mirror Device)

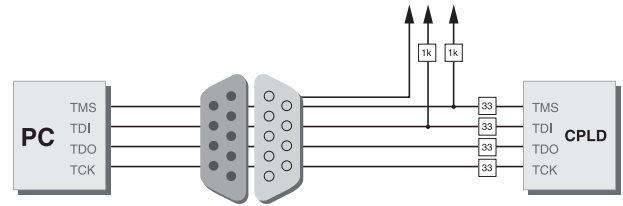
6-1. Caution for DMD ESD

- (1) You connect the grounding to prevent ESD (Electrostatic Discharge) when handing the DMD.
- (2) The worker have to wear wrist strap that connect to ground.
- (3) Electric workshop and an electric conductor surface connect to ground.
- (4) Save the DMD after removment a static electricity. Keep it at an exclusive case when moving it. When grounding, open the case.
- (5) Put on gloves that to prevent static electricity. If it's old, replace it.
- (6) The work is done at the electro static-free location. Attach the tape or remove dust on the front or back pin of DMD glass.

ADJUSTMENT INSTRUCTIONS

6-2. Caution

- (1) Keep the procedure and caution to prevent the screen strange phenomenon. Don't make a scratch.
- (2) When DMD stains with dust, polish the front and back DMD with soft wiper. Then, polish the front and back DMD after rotating 180 degree the DMD. If necessary, take a inspection.
- (3) Don't clean the DMD with the high pressure. Because the electric static and pollution influence to DMD.



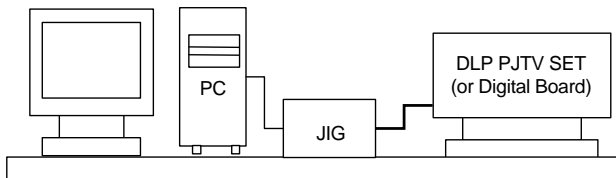
<Fig 8> How to connect the MEMORY JIG and PC

7. EDID Data Input

7-1. Required Test Equipment

- (1) A jig for adjusting PC, DDC.
(PC serial to D-sub. Connection equipment)
- (2) S/W for writing DDC (EDID data write & read)
- (3) D-sub terminal

7-2. Setting of Devices



7-3. Preparation for Adjustment

- (1) Set devices as above and turn the PC, jig on.
- (2) Put the S/W for writing DDC (EDID data write & read) into operation.

7-4. Sequence of Adjustment

- (1) Put the SET(or Digital Board) on the table and turn the power on.
- (2) Input the product code, production week / year, serial number (if it is not input, write "01") to the S/W for writing DDC.
- (3) Put the EDID write instruction into operation.

8-2. Adjustment Sequence

- (1) After program running, displayed [OPTION MODE SELECTION] window.
Check the "Load configuration File(.cdf, .pdr)" in this window and click the finish button
- (2) When the screen displays the open window, select the suitable file(*.cdf) according to model.
- (3) IC figure is change to green by clicking it. (Fig. 9)



<Fig.9>

8. CPLD Download Work

8-1. Required Test Equipments & Preparation for Adjustment

- (1) Connect the PC and memory JIG as shown (fig8).
- (2) Turn on JIG MAIN POWER SW.
- (3) After turn on the PC and monitor, operate the device programming.

- (4) Select the program of operations.
- (5) Check the [Erase before programming] and [Verify] menu as shown <Fig4> and press the OK button.
- (6) At this time, the download starts. The download finished after 10 seconds.

ADJUSTMENT INSTRUCTIONS

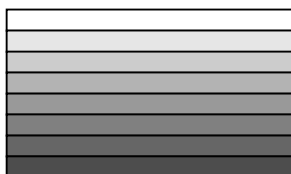


<Fig 10>

9. Component AD9883A Offset/Gain Adjustment

9-1. Required Test Equipments

Remote control for adjustment, 801GF or 802F



<Fig11> 720P/50Hz HozTVBar Pattern

9-2. Preparation for Adjustment

- (1) Connect a power source with TV Set and turn TV set on.
- (2) Do Heat-Run for 5 minutes and over before adjustment.
- (3) Receive the Component 1 or 2.
- (4) Receive the 720P/50Hz, HozTVBar Pattern of 801GF /802F. (Fig. 11)

9-3. Offset/ Gain Adjustment

- (1) Press Adjust key on the remote control to enter the adjustment mode after more than 10 seconds of receiving the signals.
- (2) Press "4.AD9883 Adjust" to adjust.
- (3) When the OSD of "End of AD9883 Adjust" appeared and disappears, the adjustment is completed

10. System Option Adjustment

10-1. Required Test Equipments

Remote control for adjustment

10-2. System Option Adjustment

- (1) Enter the System Option adjustment mode on the adjust menu by pressing Volume+ (►) key.

- (2) Select menu with using Volume- (◀) key or Volume+ (►) key on the Country. (USA/CA.)

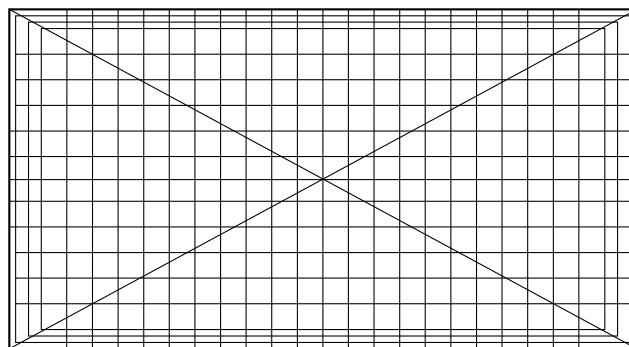
11. Screen Position Adjustment

11-1. Required Test Equipments

Remote control of adjustment

11-2. Horizontal Position Adjustment

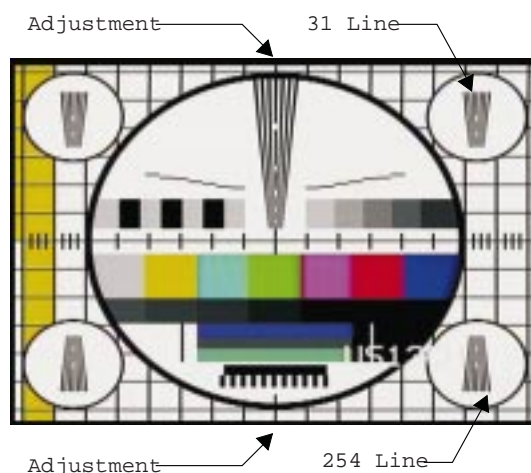
- (1) Press ADJ key on the remote control to enter the adjustment mode.
- (2) Select the POSITION of the adjustment menu. (H: 200)
- (3) Select the H_position of the Adjust Mode.
- (4) Adjust data with using the left/right key on the remote control in order to be left/right symmetry screen.
- (5) After adjustment over, receive PAL-B/G Digital and check the adjustmen level.



<Fig 12> Pattern for screen adjustment

11-3. Vertical Position Adjustment

- (1) Select V-position. (V: 15)
- (2) Change the data to symmetrized upper and down of screen (refer to Fig12) and then press the Volume key on Remote control to get out of adjustment mode.



<Fig 13>

ADJUSTMENT INSTRUCTIONS

12. White Balance Adjustment

(Day Light Mode) : R fixation

12-1. Required Test Equipments

CA100 or CA210

12-2. White basse balue(Medium)

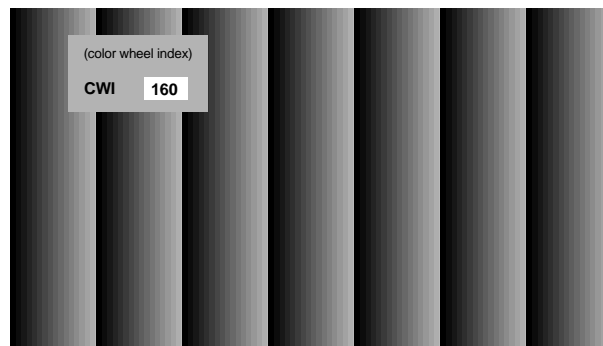
$x = 0.283$; 0.01 , $y = 0.297$; 0.01

12-3. Adjustment Sequence

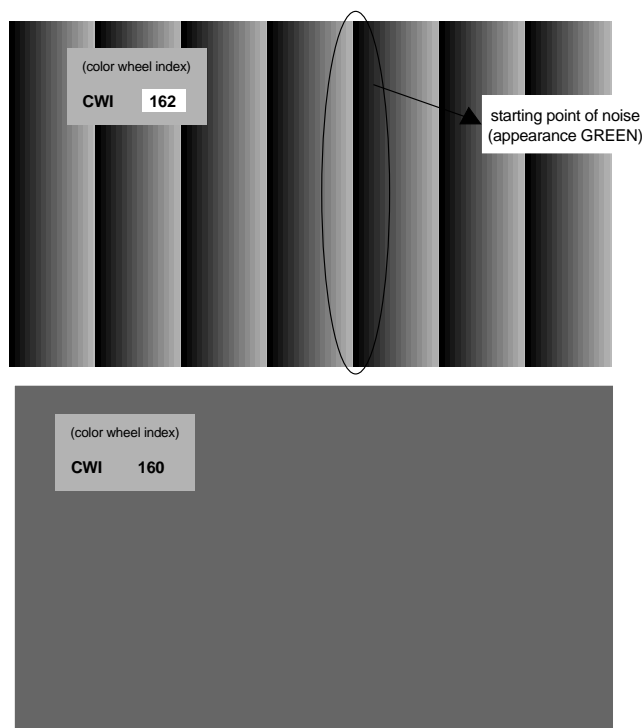
- (1) Install the equipment(CA110 or CA210) be 20cm away from screen center.
- (2) Select White balance by pressing ADJ Mode Key on Remote control.
- (3) Warm(6500°K) : $x = 0.313$, $y = 0.329$
 - 1) R Gain 120 fixation
 - 2) Adjust white balance changing G, B gain.
(Gain default: R-120, G-110, B-100)
 - 3) Offset fixation R/G/B --> -29, -28, -24
- (4) Medium(9300°K) : $x = 0.283$, $y = 0.297$
 - 1) R Gain 110 fixation
 - 2) Adjust white balance changing G, B gain.
(Gain default: All 110)
 - 3) Offset fixation R/G/B --> -26, -25, -24
- (5) Cool(12000°K) : $x = 0.275$, $y = 0.277$
 - 1) R Gain 110 fixation
 - 2) Adjust white balance changing G, B gain.
(Gain default: R-110, G-110, B-120)
 - 3) Offset fixation R/G/B --> -25, -24, -24

* Reference : Gamma table -> 2
Brightness -> 200Level
Spoke Func. -> 0
R/G/B offset -> It has each color temperature fixation price

- (4) Check the RED Pattern to uniform. After checking unless abnormality do OK.



<Fig 14> TEST Pattern(Lamp Gray Pattern)



<Fig 15> TEST Pattern(RED Pattern)

13. CWI Adjustment

13-1. Required Test Equipments

Remote control for adjustment

13-2. Preparation for Adjustment

- (1) Connect the power at TV set to turn set on
- (2) Using the remote control, enter from ADJUST to CWI.
(160)

13-3. Adjustment Sequence

- (1) Using the Volume key, adjust CWI to the left/right
- (2) As adjustment, check the appearance noise in the TEST Pattern. Setting the value reduced 3~4 step at a GREEN noise disappearing spot.
- (3) Using CH UP/DOWN key of th remote control, enter the RED PATTERN.

* As temperature is different sensitivity, change angle of the color wheel. At this time, the adjustment is done because color may be changed.

ADJUSTMENT INSTRUCTIONS

14. Main/Sub Contrast Adjustment

Adjust which it sees last prosecuting attorney time the screen contrast difference.

Basically the letter does with the fact that the character and distinction become.

14-1. Preparation for Adjustment

- (1) Receive signal(RF 06Ch.) on the Main/Sub screen in the twin picture.
- (2) Confirms picture probably is the normal.

14-2. Adjustment Sequence

(1) Main Screen Adjustment

- 1) Select the VPX3226 by pressing "ADJ" key on the remote control for adjustment.
- 2) Select the Contrast(m) of adjustment item using CH +/- key and revises using VOL +/- key. (Initial data: 32)

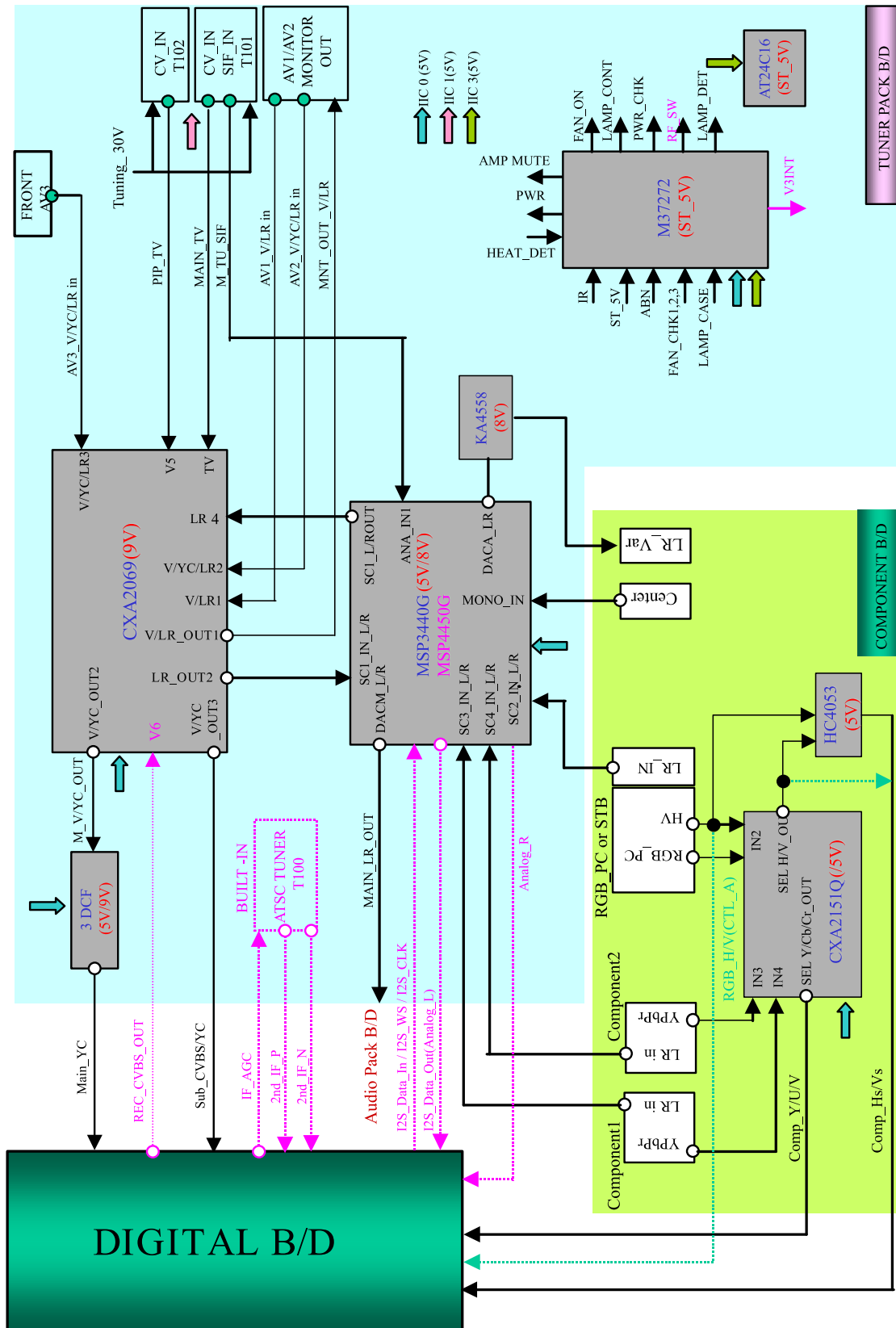
(2) Sub Screen Adjustment

- 1) Select the VPX3226 by pressing "ADJ" key on the remote control for adjustment.
- 2) Select the Contrast(s) of adjustment item using CH +/- key and revises using VOL +/- key. (Initial data: 32)

* When revising, the case above ; 2 being changed from initial data requests Irrigation.



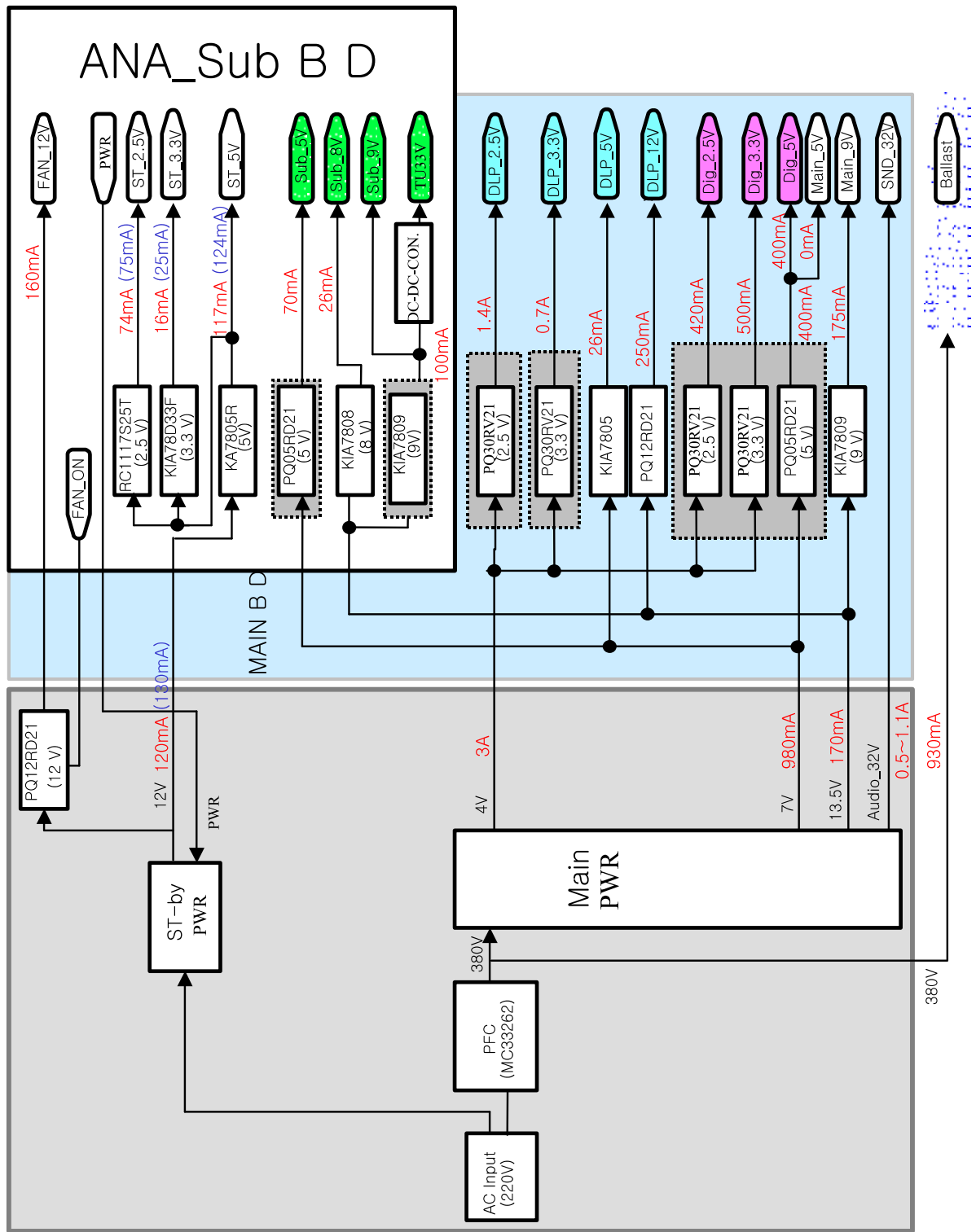
BLOCK DIAGRAM





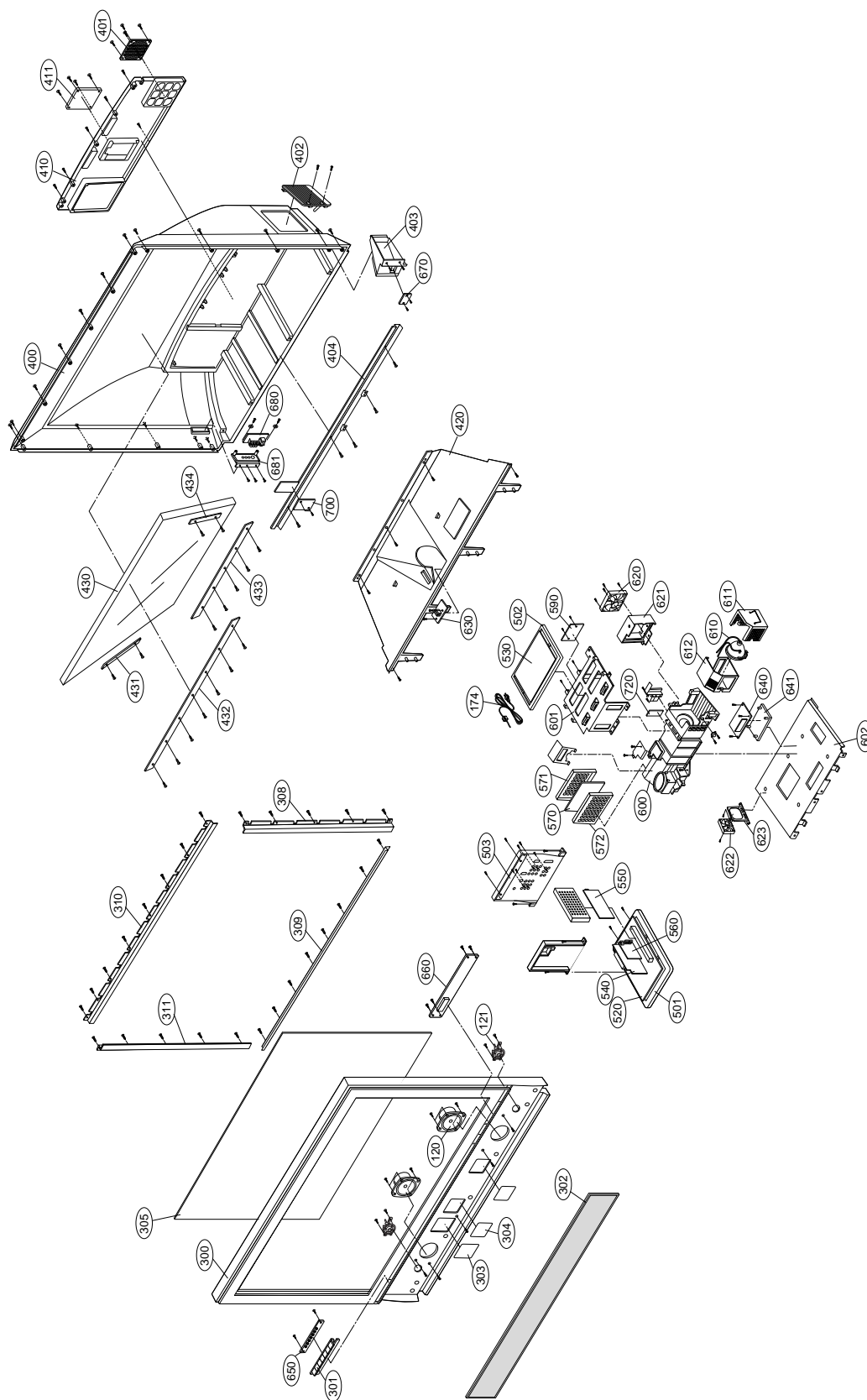
BLOCK DIAGRAM

DLP-PJTV PWR BLOCK Diagram



NOTES

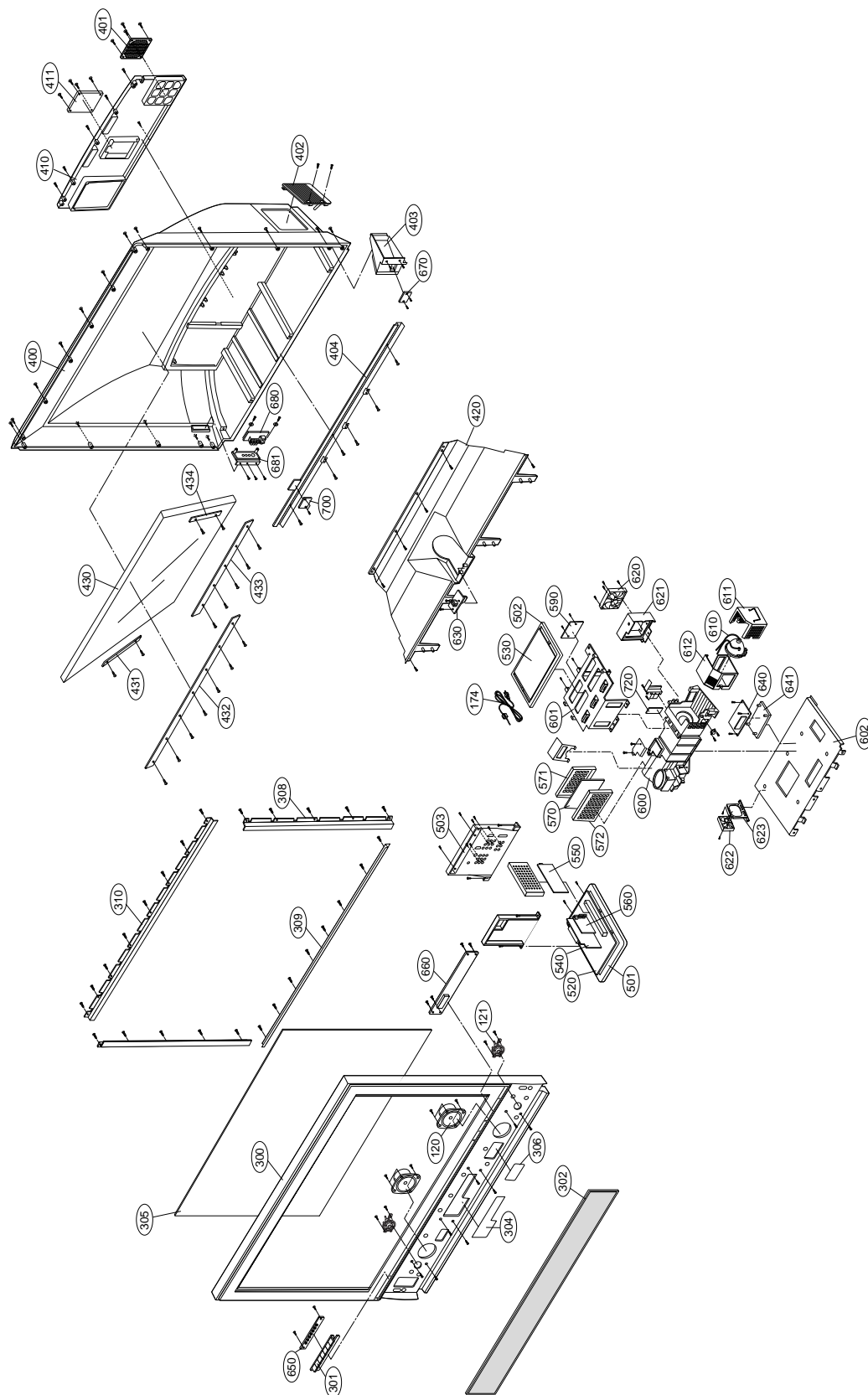
EXPLODED VIEW(44")



EXPLODED VIEW PARTS LIST

No.	Part No.	Description
120	6400WESC01A	SPEAKER,WOOFER C080P23K1450 ESTEC WOOFER 8OHM 15/25W 84DB 80 NON
121	6400DESA01A	SPEAKER,TWEETER D016D01K1450 ESTEC TWEETER(DOME) 8HMOHM 15/25W 85DB
174	6410VUH004A	POWER CORD,UL/CSA3000MM 3P HUG BLACK VOLEX CSA 3000MM HUG BLACK 500MH 7A
300	3091V00582B	CABINET ASSEMBLY,RU-44SZ61D MONO NB03JC FRONT TOTAL
301	5020V00870B	BUTTON,CONTROL
302	4811V00070C	BRACKET ASSEMBLY,SPEAKER RU-44SZ61D NB03JC GRILLE BLACK
303	3550V00348B	COVER,NON DN-44SZ60H EGI PLATE
304	3550V00350A	COVER,NON RN044SZ50H EGI PLATE C/A RIGHT
305	3351V00009A	SCREEN ASSEMBLY,TOPPAN NON RN-44SZ50H 1000*570*3.15 LCD TYPE
308	4980V00822B	SUPPORTER,SCREEN EGI RIGHT, DN-44SZ60D
309	4980V00820B	SUPPORTER,SCREEN EGI BOTTOM, DN-44SZ60H
310	4980V00820A	SUPPORTER,SCREEN EGI TOP,RN-44SZ50H
311	4980V00823B	SUPPORTER,SCREEN EGI LEFT, DN-44SZ60D
400	3809V00356D	BACK COVER ASSEMBLY,RU-44SZ51D NON UPPER
401	3550V00269C	COVER,NON RU-44SZ61D ABS, AF-303S LAMP FAN
402	3550V00311C	COVER,REAR RU-44SZ61D PC-ABS .
403	4810V00815B	BRACKET,COVER DN-44SZ51H/60H NB03KB ABS, AF-303S LAMP SIDE DUCT
404	4980V00814B	SUPPORTER,ENGINE EGI DN-44SZ60H
410	3809V00355D	BACK COVER ASSEMBLY,RU-44SZ61D NON LOWER
411	3550V00310B	COVER,NON RU-44SZ61D ABS, AF-303S BACK LOWER
420	3550V00356A	COVER,MIDDLE RN-44SZ50H ABS DUST
430	5018V00066A	MIRROR,NON SSC(SAMSUNG CORNING) Mirror : RN-44SZ50/60H BACK MIRROR
431	4810V00819B	BRACKET,NON MIRROR LEFT,RN-52SZ50H NB03JA PC-ABS .
432	4980V00808B	SUPPORTER,MIRROR AL DN-44SZ60D
433	4980V00809A	SUPPORTER,MIRROR AL LOWER,RN-44SZ50H
434	4810V00818B	BRACKET,NON MIRROR RIGHT,RN-52SZ50 NB03JA PC-ABS .
501	3210V00165B	FRAME,ABS AF-303S RN-48SZ40H MAIN CHASSIS
502	3210V00191A	FRAME,CHASSIS HIPS 40AF DN-44SZ60D SMPS
503	4810V00713K	BRACKET,REAR AV RU-44SZ61D NB03JC ABS, AF-303S .
520	6871VMMR92A	PCB ASSEMBLY,MAIN NB-03JC BOTTOM M/I ASSY FOR N.A.
530	6871VPMAS5A	PCB ASSEMBLY,POWER SMPS NB-03JC M/I ASSY FOR N.A.
540	6871VSMY73A	PCB ASSEMBLY,SUB TUNER NB03JC M/I ASSY FOR N.A.
550	6871VSMY72A	PCB ASSEMBLY,SUB DIGITAL NB03JC M/I ASSY FOR N.A.
560	6871VSMU24B	PCB ASSEMBLY,SUB NB03KB COMP M/I
570	6871VSME80A	PCB ASSEMBLY,SUB CRM MB03CB DRIVE M/I ASSY FOR 720P DLP
571	4814V00434A	SHIELD ASSY,DN-52SZ60H NB03KB SUS ,SHIELD CASE DRIVE BOTTOM
572	4814V00394A	SHIELD,COVER RN-52SZ50H NB03JA SECC(EGI) DRIVE FRONT DLP 720P
590	6871VSME87A	PCB ASSEMBLY,SUB AC NB03JC LINE FILTER FOR N.A.
600	3141VSN918B	CHASSIS ASSEMBLY,SUB NB03JC FOR N.A.
601	4980V00886B	SUPPORTER,SMPS SECC(EGI) DLP
602	4980V00817A	SUPPORTER,OPTICAL EGI ENGINE DLP,RN-44SZ50H
610	6912B22002C	LAMP,HIGH PRESSURE MECURY P-VIP 120/1.3 E23H OSRAM 120V 0.4A 120W 15KV
611	4814V00396A	SHIELD,COVER RN-52SZ50H NB03JA SECC(EGI) COVER,LAMP.DLP720P-ENGINE
612	4930V00301A	HOLDER,PC+GF30% LAMP
620	5900V12001B	FAN,DC G1225S12B2 DONGYANG 120*120*25 12V 1000RPM 9-14V L1000MM
621	4810V00813A	BRACKET,FIXER RN-44SZ50H NB03JA ABS, AF-303S FAN HOLDER
622	5900V06006A	FAN,DC F6025S12B2 DONGYANG 60*60*25 12V 2000RPM 9-14V L650MM
623	4980V00813B	SUPPORTER,FAN SPCC(CR) ,DN-44SZ60H
630	6871VSMW48A	PCB ASSEMBLY,SUB TX NB03KB PRE AMP
640	6316000002C	BALLAST,PT VIP 120AC/380 O1 OSRAM 120W 15KV DN52SZ51H SMK101CCT09301
641	4810V00659A	BRACKET,BALLAST RE-44SZ20 NON ABS NON
650	6871VSMV96B	PCB ASSEMBLY,SUB NB03KB TACT S/W
660	6871VSMV95D	PCB ASSEMBLY,SUB LED MB03CC M/I ASSY FOR CHINA
670	6871VSMW00A	PCB ASSEMBLY,SUB S/W NB03JA CASE SW RN-44SZ50H
680	6871VSMW47A	PCB ASSEMBLY,SUB A/V NB03KB SIDE A/V
681	3500V00061P	BOARD ASSY,RU-44SZ61D NB03JC SIDE A/V BLACK
700	6871VSMV90B	PCB ASSEMBLY,SUB INTER NB03KB INTERFACE
720	6871VSMW40A	PCB ASSEMBLY,SUB NB03KB COLOR WHEEL SENSOR

EXPLODED VIEW(52")



EXPLODED VIEW PARTS LIST

No.	Part No.	Description
120	6400WESC01A	SPEAKER,WOOFER C080P23K1450 ESTEC WOOFER 8OHM 15/25W 84DB 80 NON
121	6400DESA01A	SPEAKER,TWEETER D016D01K1450 ESTEC TWEETER(DOME) 8HMOHM 15/25W 85DB
174	6410VUH004A	POWER CORD,UL/CSA3000MM 3P HUG BLACK VOLEX CSA 3000MM HUG BLACK 500MH 7A
300	3091V00552D	CABINET ASSEMBLY,RU-52SZ61D NON NB03JC FULL
301	5020V00870B	BUTTON,CONTROL DN-52SZ60D ABS, HF-380 7KEY .
302	4811V00049C	BRACKET ASSEMBLY,SPEAKER DU-52SZ61D NB04AA GRILLE,LG BRAND
304	3550V00382A	COVER,FRONT ,DN-52SZ60H SECC(EGI) ,MIDDLE
305	3351V00007A	SCREEN ASSEMBLY,SHIINSUNG NON RN-52SZ30H 1178*670*3.6 LCD TYPE
306	3550V00387A	COVER,FRONT DN-52SZ60H SPCC(CR) ,C/A RIGHT
308	4980V00890B	SUPPORTER,SCREEN SECC(EGI) SIDE(CUSHION),RN-52SZ50H
309	4980V00889B	SUPPORTER,SCREEN EGI BOTTOM(CUSHION),RN-52SZ50H
310	4980V00888B	SUPPORTER,SCREEN SECC(EGI) TOP
400	3809V00361F	BACK COVER ASSEMBLY,RU-52SZ61D NON ZENITH
401	3550V00269D	COVER,LAMP RU-44SZ51D PC-ABS FAN 7S00115A
402	3550V00322D	COVER,LAMP RU-52SZ51D HIPS 40AF SIDE
403	3110V00307B	CASE,NON LAMP DUCT DLP 52SZ60H PC-ABS .
404	4980V00885B	SUPPORTER,BACK COVER SECC(EGI) RN-52SZ50H
410	3809V00362F	BACK COVER ASSEMBLY,RU-52SZ51D NON ZENITH
411	3550V00321C	COVER,LAMP RU-52SZ51D HIPS 40AF ZENITH
420	3550V00365C	COVER ASSY,RU-52SZ51D ABS, AF-303S DUST
430	5018V00067D	MIRROR,REFLECTION SSC(SAMSUNG CORNING) 0000 1172(H1)*590(H2)*604(V1)*3T .
431	4810V00819B	BRACKET,NON MIRROR LEFT,RN-52SZ50H NB03JA PC-ABS .
432	4980V00883A	SUPPORTER,MIRROR AL TOP,52SZ50H
433	4980V00884A	SUPPORTER,MIRROR AL BOTTOM 52SZ50H
434	4810V00818B	BRACKET,NON MIRROR RIGHT,RN-52SZ50 NB03JA PC-ABS .
501	3210V00165A	FRAME,HIPS 40AF RN-48SZ40 SMPS CHASSIS
502	3210V00191A	FRAME,CHASSIS HIPS 40AF DN-44SZ60D SMPS
503	4811V00055C	BRACKET ASSEMBLY,REAR AV RU-52SZ51D NB03JC ZENITH
520	6871VMMR92A	PCB ASSEMBLY,MAIN NB-03JC BOTTOM M/I ASSY FOR N.A.
530	6871VPMAS5A	PCB ASSEMBLY,POWER SMPS NB-03JC M/I ASSY FOR N.A.
540	6871VSMY73A	PCB ASSEMBLY,SUB TUNER NB03JC M/I ASSY FOR N.A.
550	6871VSMY72A	PCB ASSEMBLY,SUB DIGITAL NB03JC M/I ASSY FOR N.A.
560	6871VSMU24B	PCB ASSEMBLY,SUB NB03KB COMP M/I
570	6871VSME80A	PCB ASSEMBLY,SUB CRM MB03CB DRIVE M/I ASSY FOR 720P DLP
571	4814V00434A	SHIELD ASSY,DN-52SZ60H NB03KB SUS ,SHIELD CASE DRIVE BOTTOM
572	4814V00394A	SHIELD,COVER RN-52SZ50H NB03JA SECC(EGI) DRIVE FRONT DLP 720P
590	6871VSME87A	PCB ASSEMBLY,SUB AC NB03JC LINE FILTER FOR N.A.
600	3141VSN918A	CHASSIS ASSEMBLY,SUB NB03JC OPTICS ENGINE ASSY FOR N.A.
601	4980V00886B	SUPPORTER,SMPS SECC(EGI) DLP
602	4980V00817A	SUPPORTER,OPTICAL EGI ENGINE DLP,RN-44SZ50H
610	6912B22002C	LAMP,HIGH PRESSURE MECURY P-VIP 120/1.3 E23H 120V 0.4A 120W DN52SZ51H 15KV
611	4814V00396A	SHIELD,COVER RN-52SZ50H NB03JA SECC(EGI) COVER,LAMP.DLP720P-ENGINE
612	4930V00301A	HOLDER,PC+GF30% LAMP
620	5900V12001B	FAN,DC G1225S12B2 DONGYANG 120*120*25 12V 1000RPM 9-14V L1000MM
621	4810V00813A	BRACKET,FIXER RN-44SZ50H NB03JA ABS, AF-303S FAN HOLDER
622	5900V06006A	FAN,DC F6025S12B2 DONGYANG 60*60*25 12V 2000RPM 9-14V L650MM
623	4980V00813B	SUPPORTER,FAN SPCC(CR) ,DN-44SZ60H
630	6871VSMW48A	PCB ASSEMBLY,SUB TX NB03KB PRE AMP
640	6316000002C	BALLAST,PT VIP 120AC/380 O1 OSRAM 120W 15KV DN52SZ51H SMK101CCT09301
641	4810V00659A	BRACKET,BALLAST RE-44SZ20 NON ABS NON
650	6871VSMV96B	PCB ASSEMBLY,SUB NB03KB TACT S/W
660	6871VSMV95D	PCB ASSEMBLY,SUB LED MB03CC M/I ASSY FOR CHINA
670	6871VSMW00B	PCB ASSEMBLY,SUB S/W NB03KB CASE SW DN-52SZ51H
680	6871VSMW47A	PCB ASSEMBLY,SUB A/V NB03KB SIDE A/V
681	3500V00061P	BOARD ASSY,RU-44SZ61D NB03JC SIDE A/V BLACK
700	6871VSMY69A	PCB ASSEMBLY,SUB INTER MB03CC M/I ASSY FOR CHINA
720	6871VSMW40A	PCB ASSEMBLY,SUB NB03KB COLOR WHEEL SENSOR

REPLACEMENT PARTS LIST

For Capacitor & Resistors, the characters at 2nd and 3rd digit in the P/No. means as follows;

CC, CX, CK, CN : Ceramic
CQ : Polyester
CE : Electrolytic

RD : Carbon Film
RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

RUN DATE : 2004.1.19

LOCA. NO	PART NO	DESCRIPTION
IC		
IC1	0IMCRSH003A	GP2S40 SHARP 4P
IC1	0IPRPT002A	TC7S14F(T5L,T) 5P SCHMITT INVERTER
IC1	0IZZVC0051J	M37272E8A(OTP) DIP 42P BK MICOM
IC100	0IMCRS5003A	SIL169 CL100 100P
IC1000	0IMI623200B	M62320FP 16P SOP TP I/O EXPANDER
IC1001	0IPRPFA006A	RC1117S33T SOT223 R/TP 3.3VOLT
IC1002	0IPRPFA007A	RC1117S25T SOT223 R/TP 2.5VOLT
IC1004	0IMMRNE002A	UPD64083GF3BA 100 QFP ST 3D YC
IC1008	0IMI623200B	M62320FP,I/O EXPANDER 16P
IC101	0IPH827150A	P82B715T 8SOP R/TP IIC EXTENDER
IC101	0ITK118100B	TK11840L 8P SOT23L DCDC CONVERTER
IC102	0IMMRAL014B	AT24C02N10SI2.7 8P SOIC R/TP 2K(256X8)
IC1200	0IMCRSO008A	CXA2151Q SONY 48P 60LCD
IC1202	0IMO744053B	MC74HC4053DW 16SOP 3*2CH.MUX
IC1602	0ISH052100C	PQ05RD21 4SIP ST REGULATOR
IC2	0IFA754207A	KA75420ZTA 3P,TO92 TP 4.2V
IC200	0IMCRAD002A	AD9883AKST110 80P DIGITAL BOARD
IC208	0ISO206900A	CXA2069Q QFP64 BK I2C BUS AV S/W
IC301	0ICTMLG003C	LGDT1502M 304P READY2 AMKOR
IC303	0ITI740000Q	SN74LVC00AD 14SOP R/TP LOGIC DTV
IC304	0IMMRHY033A	HY57V643220C(L)T6 86P 64M
IC305	0IMMRHY033A	HY57V643220C(L)T6 86P 64M
IC4	0IMCRAL006A	AT24C16AN10SI2.7 8P SOIC R/TP EEPROM
IC400	0ICTMMI038B	COPY M306V3FGFP 100P 16BIT
IC401	0IMCRTI019A	TFP410 64P TRANSMITTER PANEL BUS 165MHZ
IC402	0ISH122100B	PQ12RD21 4SIP ST REGULATOR
IC403	0ISH302122A	PQ30RV21 TO220
IC404	0ISH052100C	PQ05RD21 4SIP ST REGULATOR
IC405	0ISH323422A	PQ3RF23 4P(TO220) 3.3V
IC406	0ISH323422A	PQ3RF23 4P(TO220) 3.3V
IC407	0ISJ156612A	SC15661T2.5TR 3P TO2203L
IC409	0IKE780500P	KIA78L05BP(AT) 3P 5V,150MA
IC409	0IKE781200P	KIA7812API TO220 ST 3P 12V
IC410	0ISH052100C	PQ05RD21 4SIP ST REGULATOR
IC413	0IKE780900M	KIA7809API TO220 ST 3P 9V
IC414	0IMCRFA009A	KA78M08RTM 2P DPAK
IC5	0IFA754207A	KA75420ZTA 3P,TO92 TP 4.2V
IC500	0IPRPTI001A	TFP401PZP 100 DIGITAL RECEIVER
IC500	0ILNRMN005A	VPX3226E 44 VIDEO
IC501	0ILNRMN005A	VPX3226E 44 VIDEO
IC502	0IZZVF0020A	X1272 720PIXEL 251P BK 0.8DIAGONAL
IC503	0IMCRET002B	EL2250CST7 8P R/TP OP AMP
IC600	0IMCRXL003A	XC95144XL10TQ100C 3.3V 100P
IC601	0IMCRMN014A	MSP3440G QA B8 V3 80 SOUND IC
IC601	0IFA741230A	DM74LS123MX 16SOP
IC601	0IMCRNS006A	LM4765T 15P TO220 ST AUDIO

LOCA. NO	PART NO	DESCRIPTION
IC602	0IFA754207A	KA75420ZTA 3P,TO92 TP 4.2V
IC603	0ISS455880A	KA4558D 8SOP OP AMP
IC700	0IMCRTI011A	2503227001(DDP1010) 529P
IC701	0IMMRAL015A	AT49LV8192A90TC 48P 8MBIT
IC702	0IMCRFA003A	KA2903 8SOP R/TP AMPLIFIER
IC705	0IMCRAL006A	AT24C16AN10SI2.7 8P SOIC R/TP EEPROM
IC800	0IMMRSS053A	K4R271669ETCS8 54P 128MBIT
IC800	0IPH741400E	74HC14D 14SOP TP SHITTER TRIGGER
IC801	0IMCRTI014A	CDCR83 24P DIRECT RANBUS CLOCK
IC802	0IMCRSG007A	74VIT125CTR 5P SOT3235L
IC802	0IKE702700D	KIA7027AF 3, SOT89 TP RESET IC 2.7V
IC803	0IMCRSG008A	74LX1G14CTR 5P SOT3235L
IC804	0IMCRSG008A	74LX1G14CTR 5P SOT3235L
IC804	0ITI740000Q	SN74LVC00AD 14SOP R/TP LOGIC DTV
IC805	0IMCRMX001A	MAX708SCSA 8P SOP R/TP RESET
IC806	0IMCRSG008A	74LX1G14CTR 5P SOT3235L
IC806	0IIC271600A	MK2716STR 8P
IC807	0IMCRMX001A	MAX708SCSA 8P SOP R/TP RESET
IC807	0IMCRSG010A	ST3232CDR SOP16 R/TP RS232
IC808	0IMCRSG008A	74LX1G14CTR 5P SOT3235L
IC808	0IMP242560A	24LC256I/SM 8P
IC810	0IMCRSJ001A	SC1565IST1.8 3P SOT223
IC811	0IMCRON002A	MC33262P ON SEMI 8P
IC820	0IMCRSK002A	STRF6467 5P TO220(LB)
IC831	0ISK615311B	STRG6153T(LF1101) 5PIN BK STR
IC832	0ISH817300B	PC817XF3 4D PHOTO COUPLER
IC841	0ISH817300B	PC817XF3 4D PHOTO COUPLER
IC845	0ISS781200H	KA78R12 4P,TO220F BK LOW DROP 12V
IC900	0IMCRTI012A	2503252002(DAD1000) 80P
IC901	0IMCRTI013A	SNSH6742CFA0PA(P32J6742PAG) 64P
IC906	0IMCRSG007A	74VIT125CTR 5P SOT3235L
IC907	0IMCRSG008A	74LX1G14CTR 5P SOT3235L
IC908	0IMCRSG008A	74LX1G14CTR 5P SOT3235L
IC909	0IMCRSG008B	74LX1G07CTR 5P SOT3235L
IC910	0IMCRSG007A	74VIT125CTR 5P SOT3235L
TRANSISTOR		
IC903	0TFFC80015A	FDS6930A MOSFET 8P SO8 30V 5.5A
IC904	0TFFC80015A	FDS6930A MOSFET 8P SO8 30V 5.5A
IC905	0TFFC80015A	FDS6930A MOSFET 8P SO8 30V 5.5A
Q100	0TR830009BA	BSS83
Q1000	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q1001	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q1001	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q1002	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q1002	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q1002	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q1003	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q1003	0TR387500AA	CHIP 2SC3875S(ALY) KEC

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
Q1004	0TR387500AA	CHIP 2SC3875S(ALY) KEC	Q500	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q1004	0TR150400BA	CHIP 2SA1504S(ASY) KEC	Q501	0TR830009BA	BSS83
Q1005	0TR387500AA	CHIP 2SC3875S(ALY) KEC	Q501	0TR830009BA	BSS83
Q1005	0TR150400BA	CHIP 2SA1504S(ASY) KEC	Q502	0TR830009BA	BSS83
Q1006	0TR387500AA	CHIP 2SC3875S(ALY) KEC	Q502	0TR830009BA	BSS83
Q1007	0TR150400BA	CHIP 2SA1504S(ASY) KEC	Q504	0TR102009AG	CHIP KRC102S KEC TP SOT23
Q1008	0TR150400BA	CHIP 2SA1504S(ASY) KEC	Q601	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q1009	0TR387500AA	CHIP 2SC3875S(ALY) KEC	Q601	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q101	0TR830009BA	BSS83	Q602	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q1010	0TR150400BA	CHIP 2SA1504S(ASY) KEC	Q602	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q1011	0TR150400BA	CHIP 2SA1504S(ASY) KEC	Q603	0TR322709AA	KTC3227Y,TP(KTC1627A),KEC
Q1012	0TR150400BA	CHIP 2SA1504S(ASY) KEC	Q605	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q1013	0TR150400BA	CHIP 2SA1504S(ASY) KEC	Q605	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q1014	0TR387500AA	CHIP 2SC3875S(ALY) KEC	Q614	0TR102008AA	KRA102S R/TP KEC SOT23 CHIP TR
Q1015	0TR150400BA	CHIP 2SA1504S(ASY) KEC	Q615	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q1016	0TR387500AA	CHIP 2SC3875S(ALY) KEC	Q616	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q1017	0TR150400BA	CHIP 2SA1504S(ASY) KEC	Q617	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q102	0TRKE80038A	KTC3552TRTK SOT23F 50V 3A	Q618	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q103	0TR387500AA	CHIP 2SC3875S(ALY) KEC	Q801	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q107	0TR387500AA	CHIP 2SC3875S(ALY) KEC	Q802	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q109	0TR387500AA	CHIP 2SC3875S(ALY) KEC	Q810	0TF283700AA	2SK2837 500V 20A TO3P
Q1200	0TR387500AA	CHIP 2SC3875S(ALY) KEC	Q841	0TR945009AA	KSC945CY TO92 50V 150MA
Q1201	0TR387500AA	CHIP 2SC3875S(ALY) KEC	Q842	0TR322709AA	KTC3227Y,TP(KTC1627A),KEC
Q1202	0TR387500AA	CHIP 2SC3875S(ALY) KEC	Q851	0TR945009AA	KSC945CY TO92 50V 150MA
Q1203	0TR387500AA	CHIP 2SC3875S(ALY) KEC	DIODE		
Q1204	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D1	0DD184009AA	KDS184S CHIP 85V 300MA KEC TP
Q1205	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D100	0DD184009AA	KDS184S CHIP 85V 300MA KEC TP
Q1206	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D101	0DD184009AA	KDS184S CHIP 85V 300MA KEC TP
Q1207	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D2	0DD184009AA	KDS184S CHIP 85V 300MA KEC TP
Q1208	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D3	0DD226239AA	CHIP KDS226 SOT23
Q1209	0TR150400BA	CHIP 2SA1504S(ASY) KEC	D300	0DL233309AC	LED,SAM2333
Q1210	0TR102009AG	CHIP KRC102S KEC TP SOT23	D403	0DS113379BA	1SS133 T72 DO34 90V
Q1213	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D404	0DD184009AA	KDS184S CHIP 85V 300MA KEC TP
Q1214	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D431	0DS113379BA	1SS133 T72 DO34 90V
Q1215	0TR150400BA	CHIP 2SA1504S(ASY) KEC	D432	0DS113379BA	1SS133 T72 DO34 90V
Q1216	0TR150400BA	CHIP 2SA1504S(ASY) KEC	D433	0DS113379BA	1SS133 T72 DO34 90V
Q1217	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D434	0DS113379BA	1SS133 T72 DO34 90V
Q1218	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D435	0DS113379BA	1SS133 T72 DO34 90V
Q1219	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D436	0DS113379BA	1SS133 T72 DO34 90V
Q2	0TR150400BA	CHIP 2SA1504S(ASY) KEC	D437	0DS113379BA	1SS133 T72 DO34 90V
Q201	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D438	0DS113379BA	1SS133 T72 DO34 90V
Q202	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D439	0DS113379BA	1SS133 T72 DO34 90V
Q203	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D5	0DD184009AA	KDS184S CHIP 85V 300MA KEC TP
Q204	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D6	0DD184009AA	KDS184S CHIP 85V 300MA KEC TP
Q205	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D601	0DD184009AA	KDS184S CHIP 85V 300MA KEC TP
Q206	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D603	0DD184009AA	KDS184S CHIP 85V 300MA KEC TP
Q207	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D605	0DD184009AA	KDS184S CHIP 85V 300MA KEC TP
Q208	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D606	0DD184009AA	KDS184S CHIP 85V 300MA KEC TP
Q209	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D607	0DD184009AA	KDS184S CHIP 85V 300MA KEC TP
Q210	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D801	0DD606000AA	RBV606 600V 6A 150A NA 10UA
Q211	0TR387500AA	CHIP 2SC3875S(ALY) KEC			

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
D801	0DR050008AA	SD05.TC SOD323 5V 5A 15A	C1	0CH3104K566	0.1UF 50V 10%
D802	0DR050008AA	SD05.TC SOD323 5V 5A 15A	C100	0CE226SF6DC	22UF MVG 16V M
D803	0DR050008AA	SD05.TC SOD323 5V 5A 15A	C101	0CE106VF6DC	10UF MV 16V 20%
D804	0DR050008AA	SD05.TC SOD323 5V 5A 15A	C1011	0CE476VF6DC	47UF MV 16V 20%
D805	0DRSE00038A	SDC15 TVS SOT23 12.8V	C1013	0CE476VF6DC	47UF MV 16V 20%
D806	0DRSE00038A	SDC15 TVS SOT23 12.8V	C1019	0CE105VK6DC	1UF MV 50V 20%
D810	0DD100009AM	EU1ZV(1) TP SANKEN	C1020	0CE476VF6DC	47UF MV 16V 20%
D820	0DD100009AM	EU1ZV(1) TP SANKEN	C1023	0CE476VF6DC	47UF MV 16V 20%
D821	0DD100009AM	EU1ZV(1) TP SANKEN	C103	0CE475VK6DC	4.7UF MV 50V 20%
D822	0DD100009AM	EU1ZV(1) TP SANKEN	C1035	0CE106VF6DC	10UF MV 16V 20%
D832	0DR010009AA	EG01C 1000V 0.5A 10A 100NSEC 50UA	C1036	0CE106VF6DC	10UF MV 16V 20%
D833	0DD100009AM	EU1ZV(1) TP SANKEN	C1039	0CE476VF6DC	47UF MV 16V 20%
D834	0DD260000BB	BRIDGE D2SBA60(STK) SHINDENKEN	C1042	0CE106VF6DC	10UF MV 16V 20%
D841	0DD100009AP	EG1ZV(1) TP SANKEN TP SANKEN	C1049	0CE106VF6DC	10UF MV 16V 20%
D845	0DD414809ED	1N4148 TP GRANDE	C105	0CE476SF6DC	47UF MVG 16V M
D881	0DRSA00170A	FMLG14S TO220 400V 5A 70A	C1055	0CE106VF6DC	10UF MV 16V 20%
D881	0DD120000BB	FMLG12S	C106	0CE476VK6DC	47UF MV 50V 20%
D881	0DD420000BB	D4L20U SHINDENGEN	C1060	0CE476SF6DC	47UF MVG 16V M
D891	0DD220000AC	FMLG22S TO220 200V 10A 150A	C108	0CE106VF6DC	10UF MV 16V 20%
D901	0DRON00088A	BAT54SWT1 60V 3A 4A .SEC .A	C11	0CE226VF6DC	22UF MV 16V 20%
D902	0DRON00088A	BAT54SWT1 60V 3A 4A .SEC .A	C110	0CE476VK6DC	47UF MV 50V 20%
D903	0DRON00088A	BAT54SWT1 60V 3A 4A .SEC .A	C111	0CE476VF6DC	47UF MV 16V 20%
D904	0DRON00088A	BAT54SWT1 60V 3A 4A .SEC .A	C112	0CE475VK6DC	4.7UF MV 50V 20%
D905	0DRON00088A	BAT54SWT1 60V 3A 4A .SEC .A	C112	0CE106SF6DC	10UF MVG 16V 20%
D906	0DSON00028A	BAV99RWT1 70V 215MA 500MA .SEC .A	C117	0CQ2231N509	0.022UF D 100V 10%
D907	0DRON00098A	MBRD320RL 30V 150MA 200MA .SEC .A	C1201	0CE106VF6DC	10UF MV 16V 20%
D908	0DZGS00108A	ZENERS,SMZJ3793B	C1202	0CE106VF6DC	10UF MV 16V 20%
D909	0DRGS00328A	SS26 GENERAL DO214AC 60V	C1204	0CE106VF6DC	10UF MV 16V 20%
Q810	0DR260001AA	FMG26S TO220 600V 6A 50A	C1205	0CE106VF6DC	10UF MV 16V 20%
ZD01	0DR050008AA	SD05.TC SOD323 5V 5A 15A	C1206	0CE106VF6DC	10UF MV 16V 20%
ZD1	0DZ620009BB	ZENERS,MTZJ6.2B	C1207	0CE106VF6DC	10UF MV 16V 20%
ZD10	0DZ620009BB	ZENERS,MTZJ6.2B	C1208	0CE106VF6DC	10UF MV 16V 20%
ZD2	0DZ620009BB	ZENERS,MTZJ6.2B	C1209	0CE106VF6DC	10UF MV 16V 20%
ZD201	0DZ560009CF	ZENERS,MTZJ5.6B	C1216	0CE106VF6DC	10UF MV 16V 20%
ZD202	0DZ560009CF	ZENERS,MTZJ5.6B	C1217	0CE106VF6DC	10UF MV 16V 20%
ZD203	0DZ560009CF	ZENERS,MTZJ5.6B	C1218	0CE106VF6DC	10UF MV 16V 20%
ZD204	0DZ560009CF	ZENERS,MTZJ5.6B	C1234	0CE476VF6DC	47UF MV 16V 20%
ZD3	0DZ620009BB	ZENERS,MTZJ6.2B	C1237	0CE105VK6DC	1UF MV 50V 20%
ZD4	0DZ620009BB	ZENERS,MTZJ6.2B	C124	0CQ2231N509	0.022UF D 100V 10%
ZD5	0DZ620009BB	ZENERS,MTZJ6.2B	C1250	0CE105VK6DC	1UF MV 50V 20%
ZD6	0DZ620009BB	ZENERS,MTZJ6.2B	C1251	0CE105VK6DC	1UF MV 50V 20%
ZD601	0DD414809ED	1N4148 TP GRANDE	C126	0CE226SF6DC	22UF MVG 16V M
ZD602	0DD414809ED	1N4148 TP GRANDE	C128	0CE476VK6DC	47UF MV 50V 20%
ZD602	0DR050008AA	SD05.TC SOD323 5V 5A 15A	C129	0CE226SF6DC	22UF MVG 16V M
ZD603	0DR050008AA	SD05.TC SOD323 5V 5A 15A	C131	0CE476VK6DC	47UF MV 50V 20%
ZD841	0DZ620009BB	ZENERS,MTZJ6.2B	C133	0CE476VH6DC	47UF MV 25V 20%
ZD851	0DZ620009BB	ZENERS,MTZJ6.2B	C140	0CE475VK6DC	4.7UF MV 50V 20%
ZD9	0DZ620009BB	ZENERS,MTZJ6.2B	C140	0CE226SF6DC	22UF MVG 16V M
CAPACITOR			C142	0CE475WJ6DC	4.7UF MVK 35V 20%
C1	0CE476DF618	47UF STD 16V M	C143	0CE475WJ6DC	4.7UF MVK 35V 20%
			C144	0CE226SF6DC	22UF MVG 16V M

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C146	0CE106SF6DC	10UF MVG 16V 20%	C410	0CE107SF6DC	100UF MVG 16V M
C149	0CE106SF6DC	10UF MVG 16V 20%	C411	0CE107SF6DC	100UF MVG 16V M
C15	0CE105VK6DC	1UF MV 50V 20%	C412	0CE476VF6DC	47UF MV 16V 20%
C152	0CE106SF6DC	10UF MVG 16V 20%	C425	0CE227DD618	220UF STD 10V M
C16	0CE476VF6DC	47UF MV 16V 20%	C426	0CE227DD618	220UF STD 10V M
C1620	0CE107VF6DC	100UF MV 16V 20%	C427	0CE227DD618	220UF STD 10V M
C1621	0CE107VF6DC	100UF MV 16V 20%	C428	0CE227DD618	220UF STD 10V M
C2	0CN1030F679	10000P 16V M Y	C431	0CE107DH618	100UF STD 25V M
C2	0CH3104K566	0.1UF 50V 10%	C432	0CE107DD618	100UF STD 10V M
C20	0CE105VK6DC	1UF MV 50V 20%	C433	0CE107DD618	100UF STD 10V M
C200	0CE226SF6DC	22UF MVG 16V M	C434	0CE227DD618	220UF STD 10V M
C202	0CK105DF64A	1UF 2012 16V 20%	C435	0CE227DD618	220UF STD 10V M
C202	0CE106SF6DC	10UF MVG 16V 20%	C437	0CE227DD618	220UF STD 10V M
C203	0CK105DF64A	1UF 2012 16V 20%	C438	0CE107DH618	100UF STD 25V M
C204	0CE105VK6DC	1UF MV 50V 20%	C451	0CE107DD618	100UF STD 10V M
C205	0CE105VK6DC	1UF MV 50V 20%	C453	0CE107DD618	100UF STD 10V M
C205	0CE106SF6DC	10UF MVG 16V 20%	C454	0CE336SC6DC	33UF MVG 6.3V M
C206	0CE106SF6DC	10UF MVG 16V 20%	C456	0CE107VH6DC	100UF MV 25V 20%
C208	0CK105DF64A	1UF 2012 16V 20%	C456	0CK105DF64A	1UF 2012 16V 20%
C209	0CE105VK6DC	1UF MV 50V 20%	C462	0CE227DF618	220UF STD 16V M
C210	0CK105DF64A	1UF 2012 16V 20%	C480	0CE227DH618	220UF STD 25V M
C212	0CE105VK6DC	1UF MV 50V 20%	C482	0CE107DF618	100UF STD 16V M
C215	0CK105DF64A	1UF 2012 16V 20%	C50	0CE227SC6DC	220UF MVG 6.3V M
C216	0CE105VK6DC	1UF MV 50V 20%	C500	0CE106SF6DC	10UF MVG 16V 20%
C217	0CK105DF64A	1UF 2012 16V 20%	C501	0CE226SF6DC	22UF MVG 16V M
C218	0CE105VK6DC	1UF MV 50V 20%	C503	0CE106SF6DC	10UF MVG 16V 20%
C222	0CE105VK6DC	1UF MV 50V 20%	C505	0CE226SF6DC	22UF MVG 16V M
C223	0CE105VK6DC	1UF MV 50V 20%	C514	0CK104CF56A	0.1UF 1608 16V 10%
C227	0CE226VF6DC	22UF MV 16V 20%	C515	0CK104CF56A	0.1UF 1608 16V 10%
C228	0CK823DK56A	82000PF 2012 50V 10%	C516	0CK104CF56A	0.1UF 1608 16V 10%
C231	0CE107SF6DC	100UF MVG 16V M	C517	0CK104CF56A	0.1UF 1608 16V 10%
C236	0CK105DF64A	1UF 2012 16V 20%	C518	0CE106SF6DC	10UF MVG 16V 20%
C245	0CE106SF6DC	10UF MVG 16V 20%	C519	0CK104CF56A	0.1UF 1608 16V 10%
C246	0CE226SF6DC	22UF MVG 16V M	C519	0CE226SF6DC	22UF MVG 16V M
C247	0CE227VF6DC	220UF MV 16V 20%	C520	0CK104CF56A	0.1UF 1608 16V 10%
C247	0CE106SF6DC	10UF MVG 16V 20%	C521	0CK104CF56A	0.1UF 1608 16V 10%
C248	0CE226SF6DC	22UF MVG 16V M	C522	0CK104CF56A	0.1UF 1608 16V 10%
C250	0CE106SF6DC	10UF MVG 16V 20%	C522	0CE106SF6DC	10UF MVG 16V 20%
C252	0CE226SF6DC	22UF MVG 16V M	C523	0CK104CF56A	0.1UF 1608 16V 10%
C260	0CE475VK6DC	4.7UF MV 50V 20%	C524	0CK104CF56A	0.1UF 1608 16V 10%
C261	0CE475VK6DC	4.7UF MV 50V 20%	C525	0CK104CF56A	0.1UF 1608 16V 10%
C262	0CE227VF6DC	220UF MV 16V 20%	C525	0CE226SF6DC	22UF MVG 16V M
C29	0CE105VK6DC	1UF MV 50V 20%	C528	0CK104CF56A	0.1UF 1608 16V 10%
C3	0CE476VF6DC	47UF MV 16V 20%	C530	0CK104CF56A	0.1UF 1608 16V 10%
C312	0CE226SF6DC	22UF MVG 16V M	C531	0CK104CF56A	0.1UF 1608 16V 10%
C314	0CE226SF6DC	22UF MVG 16V M	C533	0CK104CF56A	0.1UF 1608 16V 10%
C406	0CE227VF6DC	220UF MV 16V 20%	C534	0CK104CF56A	0.1UF 1608 16V 10%
C406	0CE226SF6DC	22UF MVG 16V M	C535	0CK104CF56A	0.1UF 1608 16V 10%
C407	0CE107VH6DC	100UF MV 25V 20%	C536	0CK104CF56A	0.1UF 1608 16V 10%
C408	0CE107SF6DC	100UF MVG 16V M	C541	0CK105DF64A	1UF 2012 16V 20%
C409	0CE107SF6DC	100UF MVG 16V M	C600	0CE226SF6DC	22UF MVG 16V M

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C601	0CQ1831N509	0.018UF D 100V 10%	C638	0CK104CF56A	0.1UF 1608 16V 10%
C602	0CQ1831N509	0.018UF D 100V 10%	C639	0CK104CF56A	0.1UF 1608 16V 10%
C603	0CE106DK618	10UF STD 50V M	C640	0CK104CF56A	0.1UF 1608 16V 10%
C604	0CE106DK618	10UF STD 50V M	C641	0CK104CF56A	0.1UF 1608 16V 10%
C606	0CE107SF6DC	100UF MVG 16V M	C642	0CK104CF56A	0.1UF 1608 16V 10%
C609	0CK104CF56A	0.1UF 1608 16V 10%	C643	0CE476VF6DC	47UF MV 16V 20%
C610	0CK104CF56A	0.1UF 1608 16V 10%	C643	0CK104CF56A	0.1UF 1608 16V 10%
C611	0CK104CF56A	0.1UF 1608 16V 10%	C643	0CE226DK618	22UF STD 50V M
C611	0CE226DK618	22UF STD 50V M	C644	0CK104CF56A	0.1UF 1608 16V 10%
C612	0CK104CF56A	0.1UF 1608 16V 10%	C644	181-442Z	PE,ECQB1H104KF3(TR)
C612	0CE226DK618	22UF STD 50V M	C645	0CK104CF56A	0.1UF 1608 16V 10%
C614	0CK104CF56A	0.1UF 1608 16V 10%	C645	181-442Z	PE,ECQB1H104KF3(TR)
C615	0CK104CF56A	0.1UF 1608 16V 10%	C646	0CK104CF56A	0.1UF 1608 16V 10%
C616	0CE107SF6DC	100UF MVG 16V M	C646	0CE108DK61A	1000UF STD 50V M
C616	0CK104CF56A	0.1UF 1608 16V 10%	C647	0CK104CF56A	0.1UF 1608 16V 10%
C616	0CE475DK618	4.7UF STD 50V 20%	C647	0CE108DK61A	1000UF STD 50V M
C617	0CK104CF56A	0.1UF 1608 16V 10%	C648	0CE335VK6DC	3.3UF MV 50V 20%
C617	181-442Z	PE,ECQB1H104KF3(TR)	C648	0CK104CF56A	0.1UF 1608 16V 10%
C618	0CK104CF56A	0.1UF 1608 16V 10%	C649	0CK104CF56A	0.1UF 1608 16V 10%
C619	0CE335VK6DC	3.3UF MV 50V 20%	C650	0CC270CK41A	27PF 1608 50V 5%
C619	0CK104CF56A	0.1UF 1608 16V 10%	C651	0CC270CK41A	27PF 1608 50V 5%
C620	0CK104CF56A	0.1UF 1608 16V 10%	C652	0CC270CK41A	27PF 1608 50V 5%
C621	0CE106VF6DC	10UF MV 16V 20%	C653	0CC270CK41A	27PF 1608 50V 5%
C621	0CK104CF56A	0.1UF 1608 16V 10%	C654	0CK104CF56A	0.1UF 1608 16V 10%
C622	0CE106VF6DC	10UF MV 16V 20%	C655	0CK104CF56A	0.1UF 1608 16V 10%
C622	0CK104CF56A	0.1UF 1608 16V 10%	C664	0CE335VK6DC	3.3UF MV 50V 20%
C623	0CK104CF56A	0.1UF 1608 16V 10%	C668	0CE105VK6DC	1UF MV 50V 20%
C623	0CE108DF618	1000UF STD 16V M	C669	0CE105VK6DC	1UF MV 50V 20%
C624	0CK104CF56A	0.1UF 1608 16V 10%	C700	0CK104CF56A	0.1UF 1608 16V 10%
C624	0CE106DF618	10UF STD 16V M	C701	0CK104CF56A	0.1UF 1608 16V 10%
C625	0CK104CF56A	0.1UF 1608 16V 10%	C702	0CK104CF56A	0.1UF 1608 16V 10%
C626	0CK104CF56A	0.1UF 1608 16V 10%	C704	0CK104CF56A	0.1UF 1608 16V 10%
C627	0CK104CF56A	0.1UF 1608 16V 10%	C706	0CK104CF56A	0.1UF 1608 16V 10%
C627	0CE228DK650	2200UF STD 50V M	C707	0CK104CF56A	0.1UF 1608 16V 10%
C628	0CE106VF6DC	10UF MV 16V 20%	C710	0CK104CF56A	0.1UF 1608 16V 10%
C628	0CK104CF56A	0.1UF 1608 16V 10%	C711	0CK104CF56A	0.1UF 1608 16V 10%
C628	181-442Z	PE,ECQB1H104KF3(TR)	C712	0CK104CF56A	0.1UF 1608 16V 10%
C629	0CK104CF56A	0.1UF 1608 16V 10%	C713	0CK104CF56A	0.1UF 1608 16V 10%
C629	0CE475DK618	4.7UF STD 50V 20%	C714	0CK104CF56A	0.1UF 1608 16V 10%
C630	0CE106VF6DC	10UF MV 16V 20%	C717	0CK104CF56A	0.1UF 1608 16V 10%
C630	0CK104CF56A	0.1UF 1608 16V 10%	C718	0CK104CF56A	0.1UF 1608 16V 10%
C631	0CE107SF6DC	100UF MVG 16V M	C719	0CK104CF56A	0.1UF 1608 16V 10%
C631	0CK104CF56A	0.1UF 1608 16V 10%	C720	0CK104CF56A	0.1UF 1608 16V 10%
C632	0CK104CF56A	0.1UF 1608 16V 10%	C721	0CK104CF56A	0.1UF 1608 16V 10%
C632	181-442Z	PE,ECQB1H104KF3(TR)	C722	0CK104CF56A	0.1UF 1608 16V 10%
C633	0CK104CF56A	0.1UF 1608 16V 10%	C723	0CK104CF56A	0.1UF 1608 16V 10%
C634	0CK104CF56A	0.1UF 1608 16V 10%	C724	0CK104CF56A	0.1UF 1608 16V 10%
C634	181-442Z	PE,ECQB1H104KF3(TR)	C725	0CK104CF56A	0.1UF 1608 16V 10%
C635	0CK104CF56A	0.1UF 1608 16V 10%	C726	0CK104CF56A	0.1UF 1608 16V 10%
C636	0CK104CF56A	0.1UF 1608 16V 10%	C727	0CK104CF56A	0.1UF 1608 16V 10%
C637	0CK104CF56A	0.1UF 1608 16V 10%	C728	0CK104CF56A	0.1UF 1608 16V 10%

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C729	0CK104CF56A	0.1UF 1608 16V 10%	C780	0CK104CF56A	0.1UF 1608 16V 10%
C730	0CK104CF56A	0.1UF 1608 16V 10%	C781	0CC270CK41A	27PF 1608 50V 5%
C731	0CK104CF56A	0.1UF 1608 16V 10%	C782	0CC270CK41A	27PF 1608 50V 5%
C732	0CK104CF56A	0.1UF 1608 16V 10%	C783	0CK104CF56A	0.1UF 1608 16V 10%
C733	0CK104CF56A	0.1UF 1608 16V 10%	C800	0CK104CF56A	0.1UF 1608 16V 10%
C734	0CK104CF56A	0.1UF 1608 16V 10%	C800	0CE106SF6DC	10UF MVG 16V 20%
C735	0CK104CF56A	0.1UF 1608 16V 10%	C801	0CQZVBK002B	A.C 275V 0.15UF K (S=22.5)
C736	0CK104CF56A	0.1UF 1608 16V 10%	C801	0CK104CF56A	0.1UF 1608 16V 10%
C737	0CK104CF56A	0.1UF 1608 16V 10%	C801	0CK105DF64A	1UF 2012 16V 20%
C738	0CK104CF56A	0.1UF 1608 16V 10%	C802	0CQZVBK002C	A.C 275V 0.22UF K (S=22.5)
C739	0CK104CF56A	0.1UF 1608 16V 10%	C802	0CK104CF56A	0.1UF 1608 16V 10%
C740	0CK104CF56A	0.1UF 1608 16V 10%	C803	0CK104CF56A	0.1UF 1608 16V 10%
C741	0CK104CF56A	0.1UF 1608 16V 10%	C804	0CF1050W470	1UF 0 500V 5%
C742	0CK104CF56A	0.1UF 1608 16V 10%	C804	0CE106SF6DC	10UF MVG 16V 20%
C743	0CK104CF56A	0.1UF 1608 16V 10%	C805	0CK10202510	1000P 2KV K B S
C744	0CK104CF56A	0.1UF 1608 16V 10%	C805	0CK104CF56A	0.1UF 1608 16V 10%
C745	0CK104CF56A	0.1UF 1608 16V 10%	C806	0CK10202510	1000P 2KV K B S
C746	0CK104CF56A	0.1UF 1608 16V 10%	C806	0CK104CF56A	0.1UF 1608 16V 10%
C747	0CK104CF56A	0.1UF 1608 16V 10%	C806	0CE226SF6DC	22UF MVG 16V M
C748	0CK104CF56A	0.1UF 1608 16V 10%	C807	0CK104CF56A	0.1UF 1608 16V 10%
C749	0CK104CF56A	0.1UF 1608 16V 10%	C807	0CK1020K515	1000P 50V K
C750	0CK104CF56A	0.1UF 1608 16V 10%	C807	0CE336SC6DC	33UF MVG 6.3V M
C751	0CK104CF56A	0.1UF 1608 16V 10%	C808	0CQ1021N519	0.001U 100V K
C752	0CK104CF56A	0.1UF 1608 16V 10%	C808	0CC680CK41A	68PF 1608 50V 5%
C753	0CK104CF56A	0.1UF 1608 16V 10%	C809	0CC680CK41A	68PF 1608 50V 5%
C754	0CK104CF56A	0.1UF 1608 16V 10%	C809	181-007J	MPE ECQV1H564JL3(TR), 50V 0.56UF J
C755	0CK104CF56A	0.1UF 1608 16V 10%	C810	0CK104CF56A	0.1UF 1608 16V 10%
C756	0CK104CF56A	0.1UF 1608 16V 10%	C811	0CK104CF56A	0.1UF 1608 16V 10%
C757	0CK104CF56A	0.1UF 1608 16V 10%	C812	0CK104CF56A	0.1UF 1608 16V 10%
C758	0CK104CF56A	0.1UF 1608 16V 10%	C813	0CC680CK41A	68PF 1608 50V 5%
C759	0CK104CF56A	0.1UF 1608 16V 10%	C814	0CC680CK41A	68PF 1608 50V 5%
C760	0CK104CF56A	0.1UF 1608 16V 10%	C814	0CE107BK618	100UF KME 50V M
C761	0CK104CF56A	0.1UF 1608 16V 10%	C814	0CE106SF6DC	10UF MVG 16V 20%
C762	0CK104CF56A	0.1UF 1608 16V 10%	C815	0CK104CF56A	0.1UF 1608 16V 10%
C763	0CK104CF56A	0.1UF 1608 16V 10%	C816	0CC100CK11A	10PF 1608 50V 0.5 PF
C764	0CK104CF56A	0.1UF 1608 16V 10%	C817	0CK104CF56A	0.1UF 1608 16V 10%
C765	0CK104CF56A	0.1UF 1608 16V 10%	C818	0CK104CF56A	0.1UF 1608 16V 10%
C766	0CK104CF56A	0.1UF 1608 16V 10%	C818	181-091R	R 1000PF 1KV 10%,10%
C767	0CK104CF56A	0.1UF 1608 16V 10%	C818	0CE226SF6DC	22UF MVG 16V M
C768	0CK104CF56A	0.1UF 1608 16V 10%	C819	0CC680CK41A	68PF 1608 50V 5%
C769	0CK104CF56A	0.1UF 1608 16V 10%	C820	181-001K	CE 450V 220UF M LUG(105)
C770	0CK104CF56A	0.1UF 1608 16V 10%	C820	0CK104CF56A	0.1UF 1608 16V 10%
C771	0CK104CF56A	0.1UF 1608 16V 10%	C821	181-014Y	MPP 1.6KV 0.0015UF J
C772	0CK104CF56A	0.1UF 1608 16V 10%	C821	0CK104CF56A	0.1UF 1608 16V 10%
C773	0CK104CF56A	0.1UF 1608 16V 10%	C822	0CK104CF56A	0.1UF 1608 16V 10%
C774	0CK104CF56A	0.1UF 1608 16V 10%	C822	0CK1020K515	1000P 50V K
C775	0CK104CF56A	0.1UF 1608 16V 10%	C823	0CK104CF56A	0.1UF 1608 16V 10%
C776	0CK104CF56A	0.1UF 1608 16V 10%	C823	0CK1020K515	1000P 50V K
C777	0CK104CF56A	0.1UF 1608 16V 10%	C824	0CK104CF56A	0.1UF 1608 16V 10%
C778	0CK104CF56A	0.1UF 1608 16V 10%	C824	0CE107BK618	100UF KME 50V M
C779	0CK104CF56A	0.1UF 1608 16V 10%	C825	0CK104CF56A	0.1UF 1608 16V 10%

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C825	0CE107BK618	100UF KME 50V M	C909	0CK104CF56A	0.1UF 1608 16V 10%
C826	0CK104CF56A	0.1UF 1608 16V 10%	C910	0CK104CF56A	0.1UF 1608 16V 10%
C828	0CC471CK41A	470PF 1608 50V 5%	C911	0CK104CF56A	0.1UF 1608 16V 10%
C829	181-120L	3300PF 4KV M E	C912	0CS226GJ6DC	22UF 7343 35V 20%
C831	181-035N	DE1010B471KACT4KKD 470 PF 250V 10%	C913	0CK104CF56A	0.1UF 1608 16V 10%
C832	0CK104CF56A	0.1UF 1608 16V 10%	C919	0CK104CF56A	0.1UF 1608 16V 10%
C832	0CQ1021N509	0.001UF D 100V 10%	C920	0CK104CF56A	0.1UF 1608 16V 10%
C833	0CK104CF56A	0.1UF 1608 16V 10%	C921	0CK104CF56A	0.1UF 1608 16V 10%
C833	0CE107BH618	100UF KME 25V M	C922	0CK104CF56A	0.1UF 1608 16V 10%
C834	0CK104CF56A	0.1UF 1608 16V 10%	C924	0CK104CF56A	0.1UF 1608 16V 10%
C835	181-010K	PP 0.01UF 630V 5%	C926	0CK104CF56A	0.1UF 1608 16V 10%
C835	0CK104CF56A	0.1UF 1608 16V 10%	C927	0CK104CF56A	0.1UF 1608 16V 10%
C836	0CE476EU61A	47UF KMG 400V M	C929	0CK104CF56A	0.1UF 1608 16V 10%
C836	0CK104CF56A	0.1UF 1608 16V 10%	C930	0CC471CK41A	470PF 1608 50V 5%
C837	0CK104CF56A	0.1UF 1608 16V 10%	C931	0CK271CK46A	270PF 1608 50V 5%
C837	0CK1040K945	0.1UF 50V Z F TR	C932	0CK272CK46A	2700PF 1608 50V 5%
C838	0CK104CF56A	0.1UF 1608 16V 10%	C933	0CK104CF56A	0.1UF 1608 16V 10%
C839	0CK104CF56A	0.1UF 1608 16V 10%	C934	0CK104CF56A	0.1UF 1608 16V 10%
C840	0CK104CF56A	0.1UF 1608 16V 10%	C936	0CC101CK41A	100PF 1608 50V 5%
C841	0CK104CF56A	0.1UF 1608 16V 10%	C937	0CK121CK46A	120PF 1608 50V 5%
C841	0CE108BF618	1000UF KME 16V M	C938	0CK103CK56A	0.01UF 1608 50V 10%
C842	0CK104CF56A	0.1UF 1608 16V 10%	C939	0CK104CF56A	0.1UF 1608 16V 10%
C843	0CK104CF56A	0.1UF 1608 16V 10%	C940	0CK103CK56A	0.01UF 1608 50V 10%
C843	0CK1040K945	0.1UF 50V Z F TR	C941	0CK104CF56A	0.1UF 1608 16V 10%
C844	0CK104CF56A	0.1UF 1608 16V 10%	C942	0CK104CF56A	0.1UF 1608 16V 10%
C845	0CK104CF56A	0.1UF 1608 16V 10%	C943	0CK104CF56A	0.1UF 1608 16V 10%
C845	0CE107BF618	100UF KME 16V M	C944	0CK104CF56A	0.1UF 1608 16V 10%
C846	0CK104CF56A	0.1UF 1608 16V 10%	C945	0CK104CF56A	0.1UF 1608 16V 10%
C847	0CK104CF56A	0.1UF 1608 16V 10%	C946	0CK104CF56A	0.1UF 1608 16V 10%
C853	0CE108BF618	1000UF KME 16V M	C947	0CK104CF56A	0.1UF 1608 16V 10%
C855	0CE228BF618	2200UF KME 16V M	C949	0CK104CF56A	0.1UF 1608 16V 10%
C856	0CK1040K945	0.1UF 50V Z F TR	C950	0CK104CF56A	0.1UF 1608 16V 10%
C858	0CE477DF618	470UF STD 16V 20%	JACK		
C859	181-091Q	R 470PF 1KV 10%,10%	JA1201	6613V00013G	JACK ASSEMBLY,PMJ021G 9P
C862	0CE228BF618	2200UF KME 16V M	JA1202	6612VJH006C	JACK,RCA PJ6061E 6P
C865	181-091Q	R 470PF 1KV 10%,10%	JA201	6613V00010B	JACK ASSY,PMJ016B 3P
C873	0CE108BK61A	1000UF KME 50V M	JA202	6613V00013B	JACK ASSY,PMJ021B 9P
C876	0CE227DK618	220UF STD 50V M	JA204	380-404A	JACK,DIN PHSJ9504 HOSIDEN .
C881	0CE227BH618	220UF KME 25V M	P101B	6612VMH003A	JACK,SCART 365100032
C883	0CE227BH618	220UF KME 25V M	P102B	6612VMH003A	JACK,SCART 365100032
C884	181-091Q	R 470PF 1KV 10%,10%	P103B	6612VMH003A	JACK,SCART 365100032
C886	181-091Q	R 470PF 1KV 10%,10%	P401A	6612VMH003A	JACK,SCART 365100032
C891	0CE338EF618	3300UF KMG,RD 16V 20%	P401B	6612VMH003A	JACK,SCART 365100032
C893	0CE108BF618	1000UF KME 16V M	P403	6612BBBHN6A	JACK,DIN 4400621
C894	181-091Q	R 470PF 1KV 10%,10%	P501	6612BBBHN7A	JACK,DIN 743203004
C901	0CK104CF56A	0.1UF 1608 16V 10%	COIL & TRANSFORMER		
C902	0CK104CF56A	0.1UF 1608 16V 10%	L1	0LA0102K119	INDUCTOR,10UH K
C904	0CK104CF56A	0.1UF 1608 16V 10%	L1011	0LA0561K119	INDUCTOR,5.6UH K
C905	0CK104CF56A	0.1UF 1608 16V 10%	L851	150-C02F	COIL,CHOKE 82UH
C906	0CK104CF56A	0.1UF 1608 16V 10%			
C908	0CK104CF56A	0.1UF 1608 16V 10%			

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION
L861	150-C02F	COIL,CHOKE 82UH
L871	150-C02F	COIL,CHOKE 82UH
L891	150-C02F	COIL,CHOKE 82UH
L903	6140VR0007A	COIL,DT1608C223 COILCRAFT 22UF+20%
L904	6140VR0007A	COIL,DT1608C223 COILCRAFT 22UF+20%
T801	6170VMCA03F	TRANSFORMER,SMPS[COIL] EER4942 1200UH
T810	6170VMCA37B	TRANSFORMER,SMPS[COIL] PQ3535 310UH
T830	6170VS0001B	TRANSFORMER,STANDBY EE1927 2200UH
CONNECTOR		
JA1200	6630VGA001B	CONNECTOR,DSUB 15PIN 2.29MM
P100	6630GZ00724	CONNECTOR,DSUB 24P 1.91MM
P101A	6932V25004A	CONNECTOR,HOUSING 365120098
P102A	6932V25004A	CONNECTOR,HOUSING 365120098
P103A	6932V25004A	CONNECTOR,HOUSING 365120098
P201A	6932V25004A	CONNECTOR,HOUSING 365120098
P202A	6932V25004A	CONNECTOR,HOUSING 365120098
P800	6630VGA004A	CONNECTOR,DSUB 9PIN 2.77MM
RESISTOR		
AR106	0RRZVTA001A	MNR14E0AJ101 R OHM 100 OHM 5%
AR301	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR302	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR303	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR304	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR305	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR306	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
R1	0RD0752F609	75 OHM 1/6 W 5.00%
R1253	0RN1002F409	10K OHM 1/6 W 1.00%
R2	0RD4703F609	470K OHM 1/6 W 5.00%
R3	0RD4703F609	470K OHM 1/6 W 5.00%
R4	0RD0752F609	75 OHM 1/6 W 5.00%
R5	0RD0752F609	75 OHM 1/6 W 5.00%
R556	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
R557	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
R558	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
R559	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
R56	0RD0472F609	47 OHM 1/6 W 5%
R560	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
R561	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
R632	0RF0471H609	4.7 OHM 1/2 W 5.00%
R634	0RF0471H609	4.7 OHM 1/2 W 5.00%
R666	180-777H	RWR 7W 910 J VERT
R667	0RD1001H609	1K OHM 1/2 W 5.00%
R668	180-777H	RWR 7W 910 J VERT
R673	0RD1001H609	1K OHM 1/2 W 5.00%
R803	0RN3903G409	390K OHM 1/4 W 1%
R805	0RN3303G409	330K OHM 1/4 W 1.00%
R806	0RN3903G409	390K OHM 1/4 W 1%
R807	0RN3903G409	390K OHM 1/4 W 1%
R808	0RS1202K607	12K OHM 2 W 5.00%

LOCA. NO	PART NO	DESCRIPTION
R808	0RS8201K607	8.2K OHM 2 W 5.00%
R809	0RD0152F609	15 OHM 1/6 W 5.00%
R810	0RD0332H609	33 OHM 1/2 W 5.00%
R811	180-A01B	RW ROUND G 2W 0.11 K
R812	0RN3903F409	390K 1/6W 1%
R813	0RN3903F409	390K 1/6W 1%
R814	0RN3903F409	390K 1/6W 1%
R815	0RD1203F609	120K OHM 1/6 W 5.00%
R816	0RD2202F609	22K OHM 1/6 W 5%
R817	0RD1202F609	12K OHM 1/6 W 5%
R818	0RD2200F609	220 OHM 1/6 W 5.00%
R819	0RN1002F409	10K OHM 1/6 W 1.00%
R820	0RD1001F609	1K OHM 1/6 W 5%
R821	180-A01H	2 W RW ROUND G 0.27 J
R822	0RD1001F609	1K OHM 1/6 W 5%
R823	0RD2701F609	2.7K OHM 1/6 W 5%
R824	0RD0332H609	33 OHM 1/2 W 5.00%
R825	0RD4701F609	4.7K OHM 1/6 W 5%
R826	0RS2202K607	22K OHM 2 W 5.00%
R827	0RS1202K607	12K OHM 2 W 5.00%
R828	0RD3603F609	360K 1/6W 5
R829	0RKZVTA001B	4.7M OHM 1/2 W 5%
R830	0RKZVTA001B	4.7M OHM 1/2 W 5%
R831	0RS1203K607	120K OHM 2 W 5.00%
R832	0RD0302A609	30 OHM 1/2 W(7.0) 5.00%
R833	0RS0161K607	1.6 OHM 2 W 5.00%
R834	0RS1203K607	120K OHM 2 W 5.00%
R835	0RF0221H609	2.2 OHM 1/2 W 5.00%
R840	0RD1601F609	1.6K OHM 1/6 W 5.00%
R841	0RD1501F609	1.5K OHM 1/6 W 5%
R842	0RD3001F609	3K OHM 1/6 W 5.00%
R843	0RN1801F409	1.8K OHM 1/6 W 1.00%
R844	0RD3601F609	3.6K OHM 1/6 W 5.00%
R845	0RD3901F609	3.9K OHM 1/6 W 5%
R846	0RD3902F609	39K OHM 1/6 W 5.00%
R851	0RN1801F409	1.8K OHM 1/6 W 1.00%
R852	0RN2201F409	2.2K OHM 1/6 W 1.00%
R853	0RN2201F409	2.2K OHM 1/6 W 1.00%
R854	0RN3901F409	3.9K OHM 1/6 W 1.00%
R855	0RD1601F609	1.6K OHM 1/6 W 5.00%
R871	0RD1002H609	10K OHM 1/2 W 5.00%
SWITCH		
SW01	140-313B	SWITCH,TACT 2LEAD 160G(TA)
SW01	140-275E	SWITCH,PUSH SPBS222EP011
SW02	140-313B	SWITCH,TACT 2LEAD 160G(TA)
SW03	140-313B	SWITCH,TACT 2LEAD 160G(TA)
SW04	140-313B	SWITCH,TACT 2LEAD 160G(TA)
SW05	140-313B	SWITCH,TACT 2LEAD 160G(TA)
SW06	140-313B	SWITCH,TACT 2LEAD 160G(TA)
SW07	140-313B	SWITCH,TACT 2LEAD 160G(TA)

REPLACEMENT PARTS LIST

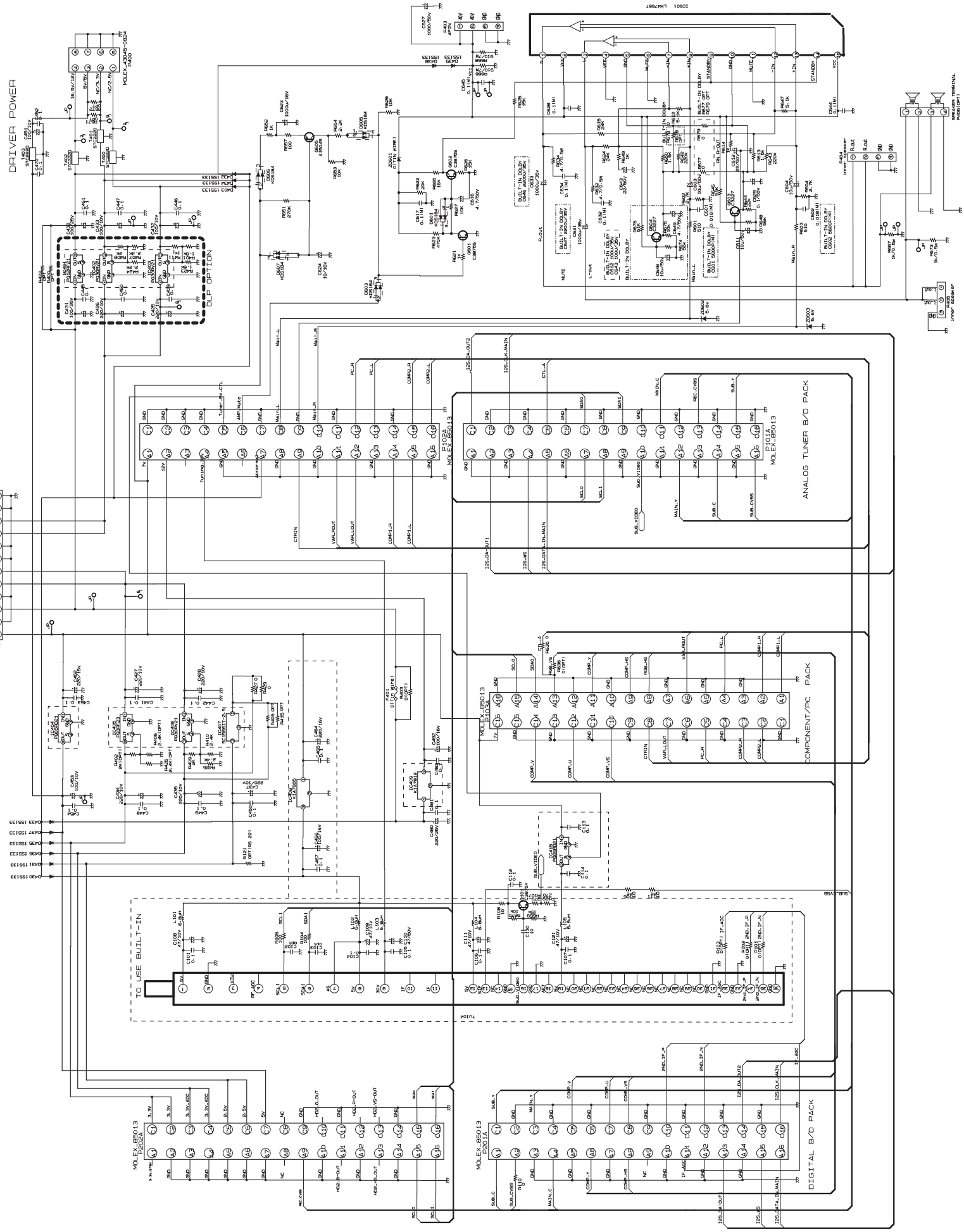
LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
SW701	6600DU2093H	SWITCH,DIP 23902332	T5	6200VJT001B	FILTER,EMC BMK800 50VOLT 1A REEL
FILTER & CRYSTAL			T501	6200QJ3001A	FILTER,EMC BMS400 NIGATA 25V 200MA
FB819	125-123A	FILTER,EMC FERRITE BFD3565R2F	T502	6200QJ3001A	FILTER,EMC BMS400 NIGATA 25V 200MA
FB823	125-022K	FILTER,EMC 62MM 1UH	T504	6200QJ3001A	FILTER,EMC BMS400 NIGATA 25V 200MA
FB861	125-123A	FILTER,EMC FERRITE BFD3565R2F	T509	6200QJ3001A	FILTER,EMC BMS400 NIGATA 25V 200MA
FB871	125-022K	FILTER,EMC 62MM 1UH	T511	6200QJ3001A	FILTER,EMC BMS400 NIGATA 25V 200MA
FB872	125-022K	FILTER,EMC 62MM 1UH	T512	6200VJT006A	FILTER,EMC STC222D 50VOLT 4A 2200PF
FB881	125-022K	FILTER,EMC 62MM 1UH	T513	6200VJT006A	FILTER,EMC STC222D 50VOLT 4A 2200PF
FB891	125-022K	FILTER,EMC 62MM 1UH	T514	6200VJT006A	FILTER,EMC STC222D 50VOLT 4A 2200PF
IC502	6200C000009	FILTER,B.P. H354LAIK5225	T515	6200VJT006A	FILTER,EMC STC222D 50VOLT 4A 2200PF
L1005	6210TCE001G	FILTER,EMC HH1M3216501	T6	6200VJT001B	FILTER,EMC BMK800 50VOLT 1A REEL
L1006	6210TCE001G	FILTER,EMC HH1M3216501	T601	6200QJ3001A	FILTER,EMC BMS400 NIGATA 25V 200MA
L1007	6210TCE001G	FILTER,EMC HH1M3216501	T602	6200QJ3001A	FILTER,EMC BMS400 NIGATA 25V 200MA
L1013	6210TCE001G	FILTER,EMC HH1M3216501	T605	6200QJ3001A	FILTER,EMC BMS400 NIGATA 25V 200MA
L801	6200JB8012T	FILTER,EMC SQE2828 17.2MH	T606	6200QJ3001A	FILTER,EMC BMS400 NIGATA 25V 200MA
L802	6200JB8012T	FILTER,EMC SQE2828 17.2MH	T7	6200VJT001B	FILTER,EMC BMK800 50VOLT 1A REEL
L804	150-F06T	FILTER,EMC SQE3535 20MH	T9	6200VJT001B	FILTER,EMC BMK800 50VOLT 1A REEL
T1001	6200C000009	FILTER,B.P. H354LAIK5225	X1	156-A01P	RESONATOR,CRYSTAL HC49U 8.000MHZ
T1002	6200C000009	FILTER,B.P. H354LAIK5225	X1001	156-A02Z	RESONATOR,CRYSTAL HC49/U 20.000MHZ
T1004	6200C000010	FILTER,B.P. H354LAIK5202	X1200	156-A01E	RESONATOR,CRYSTAL HC49U 4.000MHZ
T1013	6200C000010	FILTER,B.P. H354LAIK5202	X401	6212AB2015D	RESONATOR,CRYSTAL HC49/SM 16MHZ
T200	0IZZVF0022C	FILTER,B.P. AFM730F6M00X3(AF9397A)	X500	6202VDT002E	RESONATOR,CRYSTAL SX1SMD 20250000HZ
T3	6200VJT001B	FILTER,EMC BMK800 50VOLT 1A REEL	X501	6202VDT002E	RESONATOR,CRYSTAL SX1SMD 20250000HZ
T400	6200QJ3001A	FILTER,EMC BMS400 NIGATA 25V 200MA	X601	156-A02R	RESONATOR,CRYSTAL HC49U 18.432MHZ
T400	6200VJT006A	FILTER,EMC STC222D 50VOLT 4A 2200PF	MISCELLANEOUS		
T401	6200QJ3001A	FILTER,EMC BMS400 NIGATA 25V 200MA	F401	0FS5000B84B	FUSE,SLOW BLOW 500MA 250V
T401	6200VJT006A	FILTER,EMC STC222D 50VOLT 4A 2200PF	F800	0FS5001B51D	FUSE,SLOW BLOW 5000MA 250V
T402	6200QJ3001A	FILTER,EMC BMS400 NIGATA 25V 200MA	IC704	6204B47985C	OSCILLATOR,SCO103 100MHZ
T402	6200VJT006A	FILTER,EMC STC222D 50VOLT 4A 2200PF	NTC801	163-048D	THERMISTOR,NTC KL15L2R5 +/- 15% 125V
T403	6200QJ3001A	FILTER,EMC BMS400 NIGATA 25V 200MA	NTC802	163-048D	THERMISTOR,NTC KL15L2R5 +/- 15% 125V
T403	6200VJT006A	FILTER,EMC STC222D 50VOLT 4A 2200PF	PA1	6712SCA228A	REMOTE CONTROLLER RECEIVER,38KHZ
T404	6200QJ3001A	FILTER,EMC BMS400 NIGATA 25V 200MA	RL831	141-018E	RELAY,DG12D10(M)2
T409	6200QJ3001A	FILTER,EMC BMS400 NIGATA 25V 200MA	TU101	6700VNF019A	TUNER,TAFC001F
T410	6200QJ3001A	FILTER,EMC BMS400 NIGATA 25V 200MA	TU102	6700VNF019C	TUNER,TAFC101P
T411	6200QJ3001A	FILTER,EMC BMS400 NIGATA 25V 200MA	VA800	164-003K	VARISTOR,SVC621D14A 620V 0%
T412	6200QJ3001A	FILTER,EMC BMS400 NIGATA 25V 200MA	X800	6204B60001B	OSCILLATOR,VXCO 27MHZ
T413	6200QJ3001A	FILTER,EMC BMS400 NIGATA 25V 200MA	ACCESSORIES		
T418	6200VJT006A	FILTER,EMC STC222D 50VOLT 4A 2200PF	A1	3828VA0220Y	MANUAL,OWNERS NB03JC
T419	6200VJT006A	FILTER,EMC STC222D 50VOLT 4A 2200PF	A2	6710V00102J	REMOTE CONTROLLER
T420	6200VJT006A	FILTER,EMC STC222D 50VOLT 4A 2200PF			
T421	6200QJ3001A	FILTER,EMC BMS400 NIGATA 25V 200MA			
T424	6200QJ3001A	FILTER,EMC BMS400 NIGATA 25V 200MA			
T425	6200QJ3001A	FILTER,EMC BMS400 NIGATA 25V 200MA			
T430	6200QJ3001A	FILTER,EMC BMS400 NIGATA 25V 200MA			
T431	6200QJ3001A	FILTER,EMC BMS400 NIGATA 25V 200MA			
T432	6200QJ3001A	FILTER,EMC BMS400 NIGATA 25V 200MA			
T434	6200QJ3001A	FILTER,EMC BMS400 NIGATA 25V 200MA			
T447	6200QJ3001A	FILTER,EMC BMS400 NIGATA 25V 200MA			
T448	6200QJ3001A	FILTER,EMC BMS400 NIGATA 25V 200MA			
T460	6200QJ3001A	FILTER,EMC BMS400 NIGATA 25V 200MA			



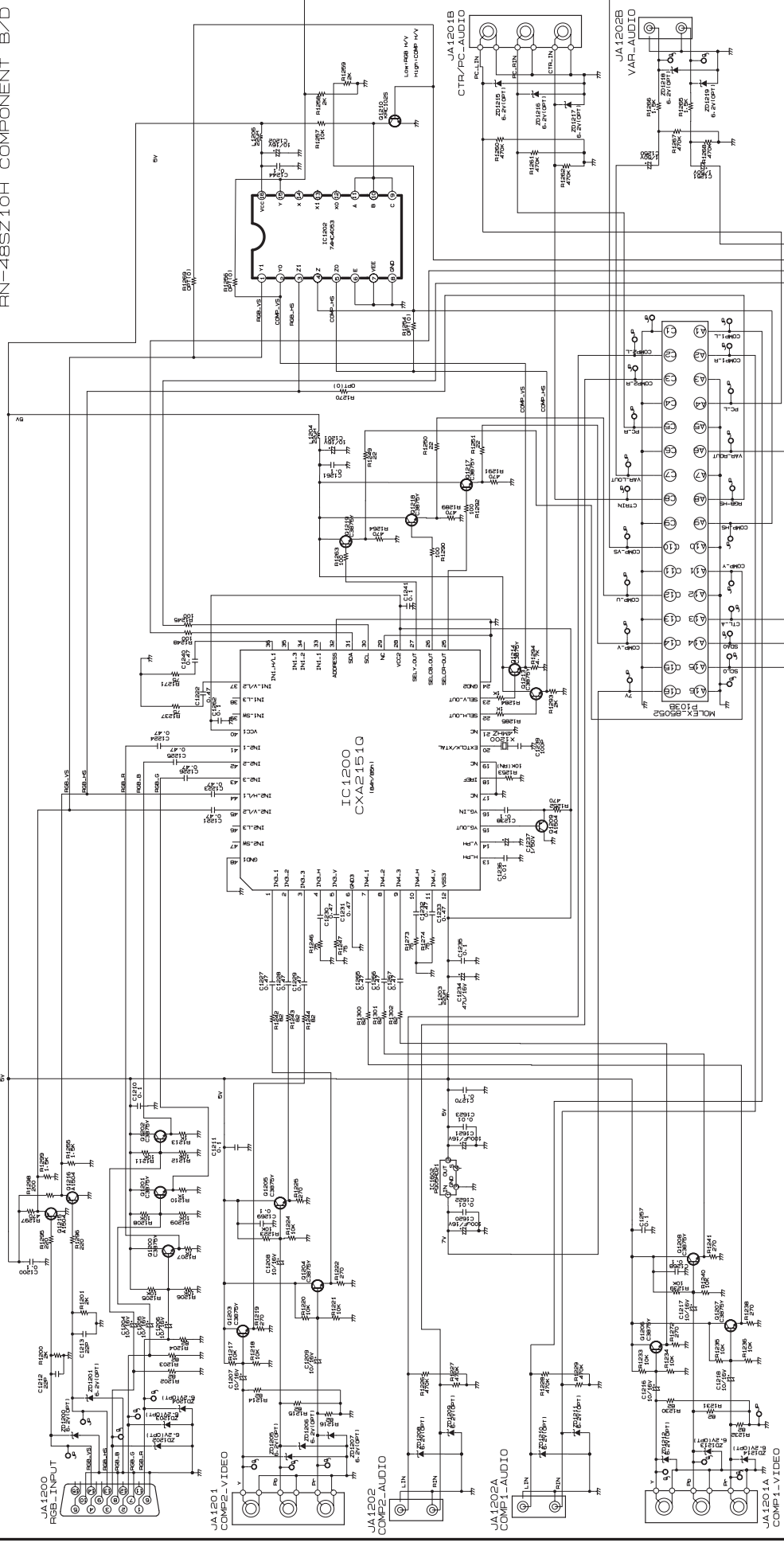
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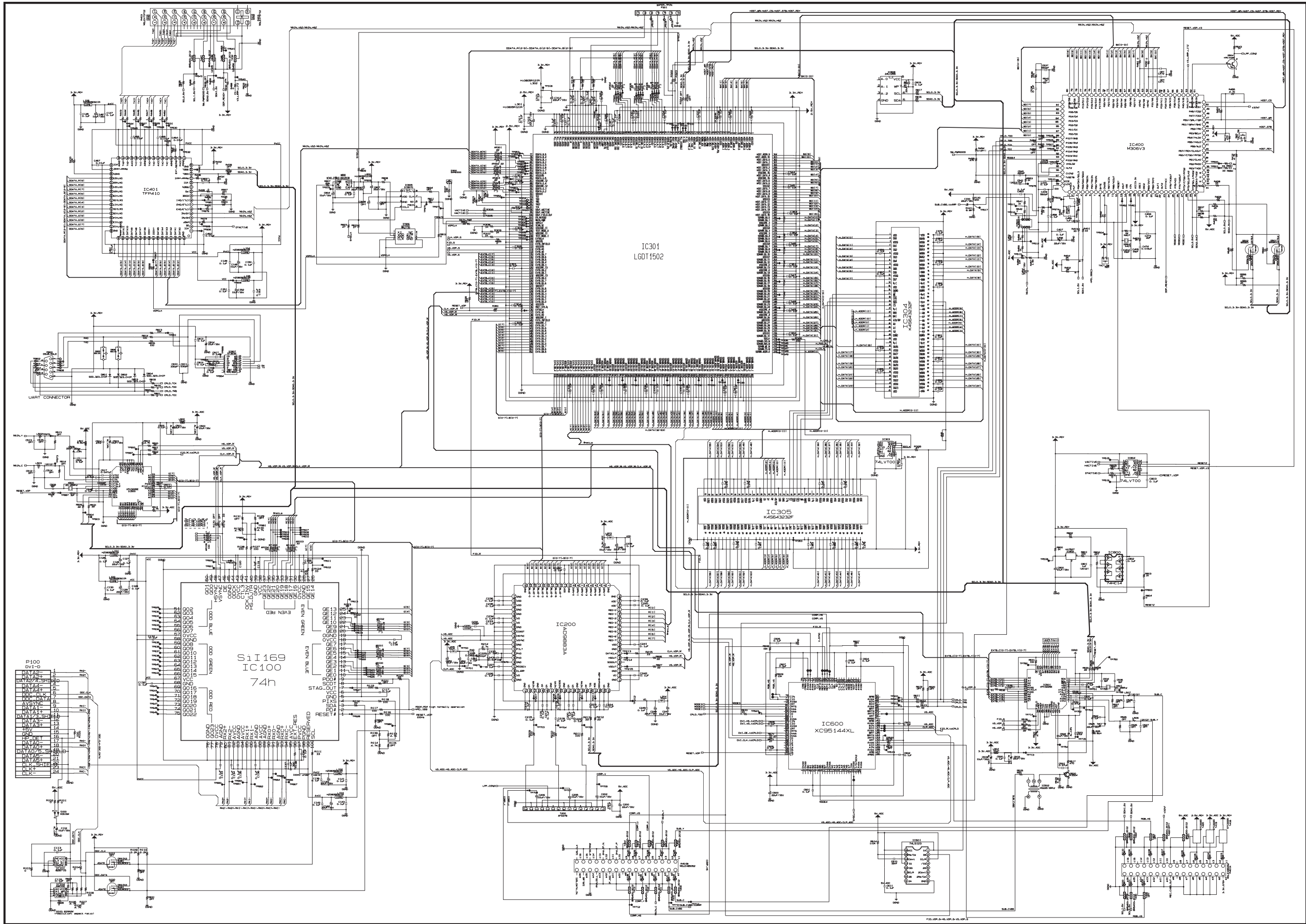
Jan., 2004
Printed in Korea

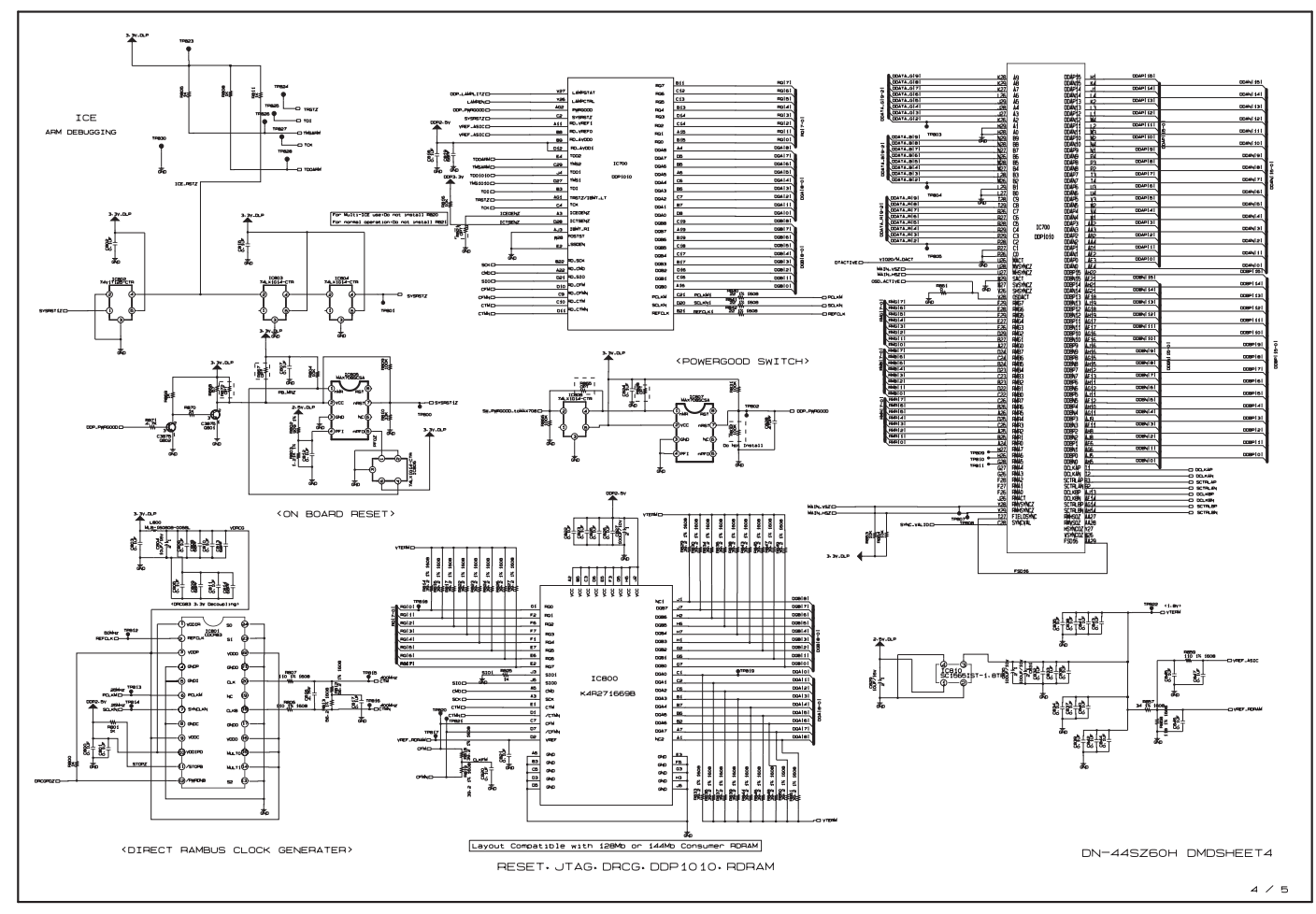
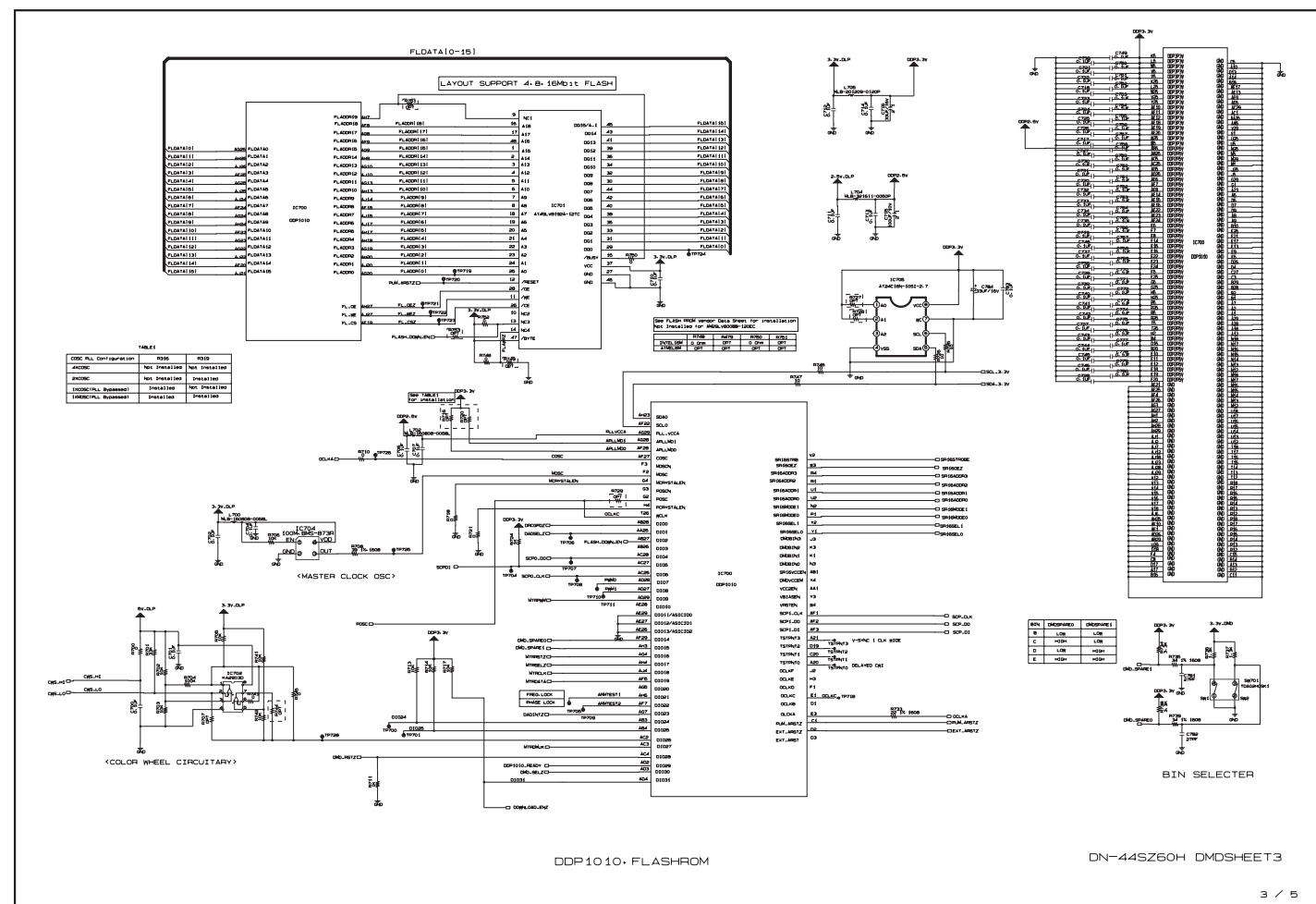
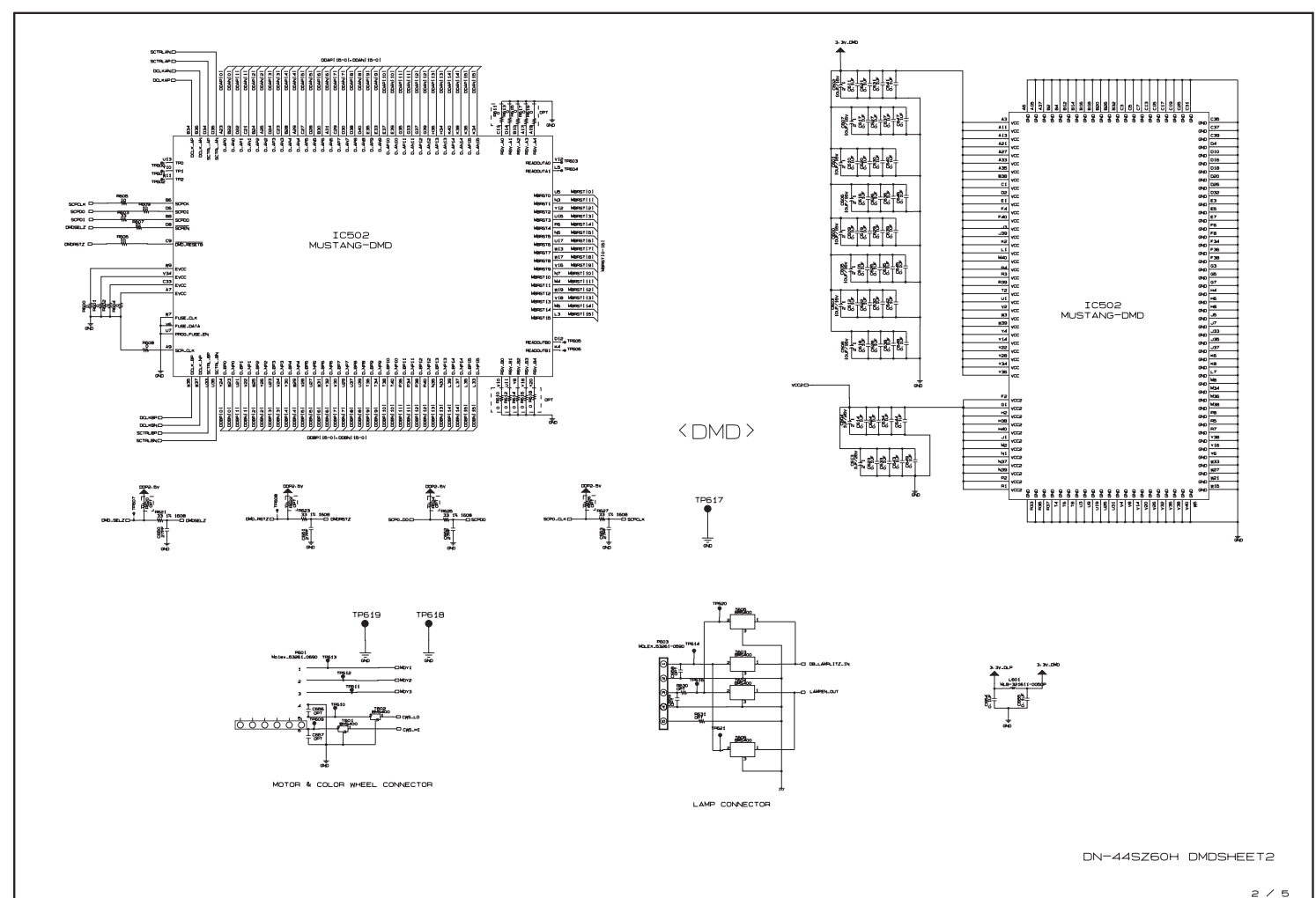
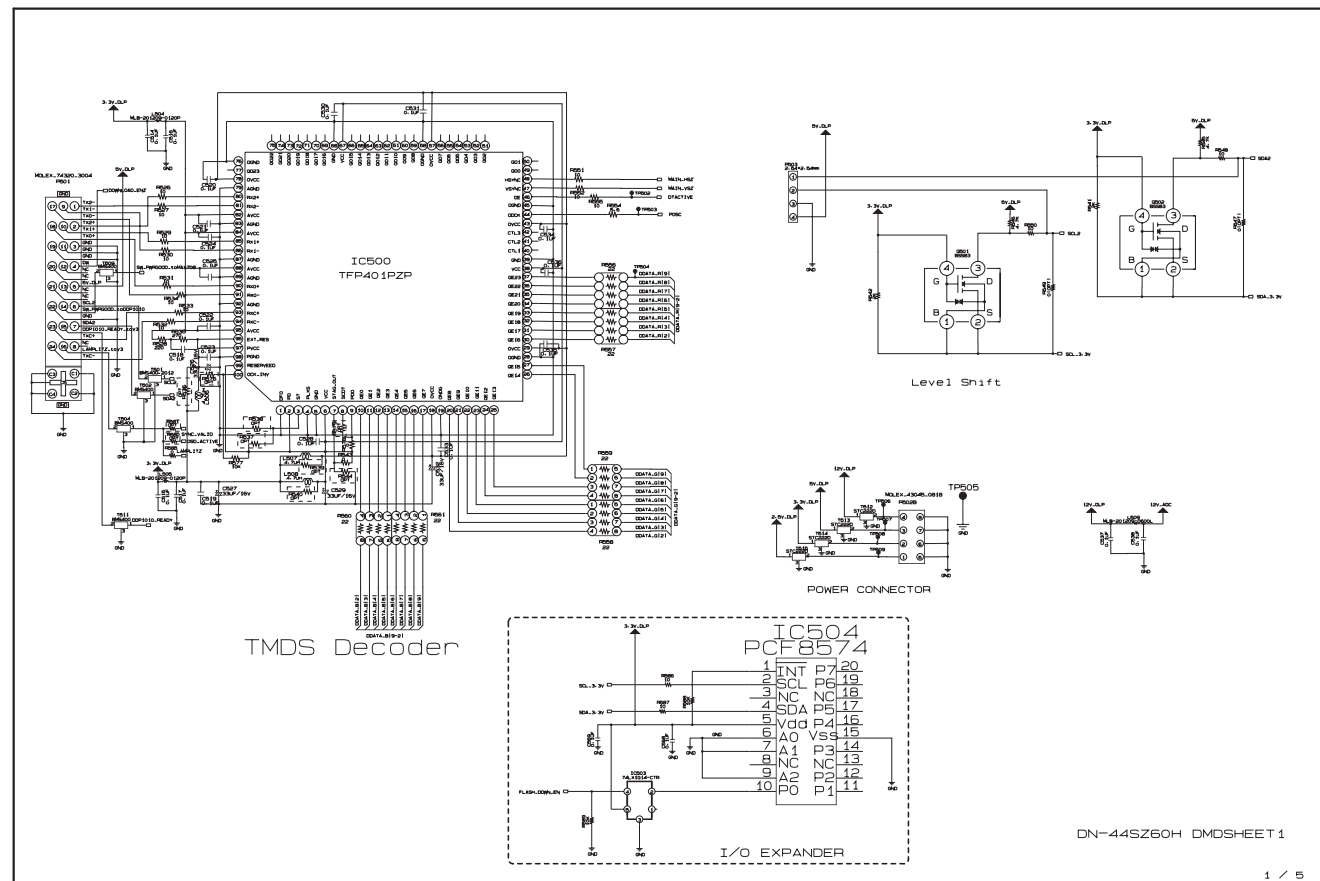
MAIN BOTTOM (RN-4BSZ40H/DN-52SZ30H)

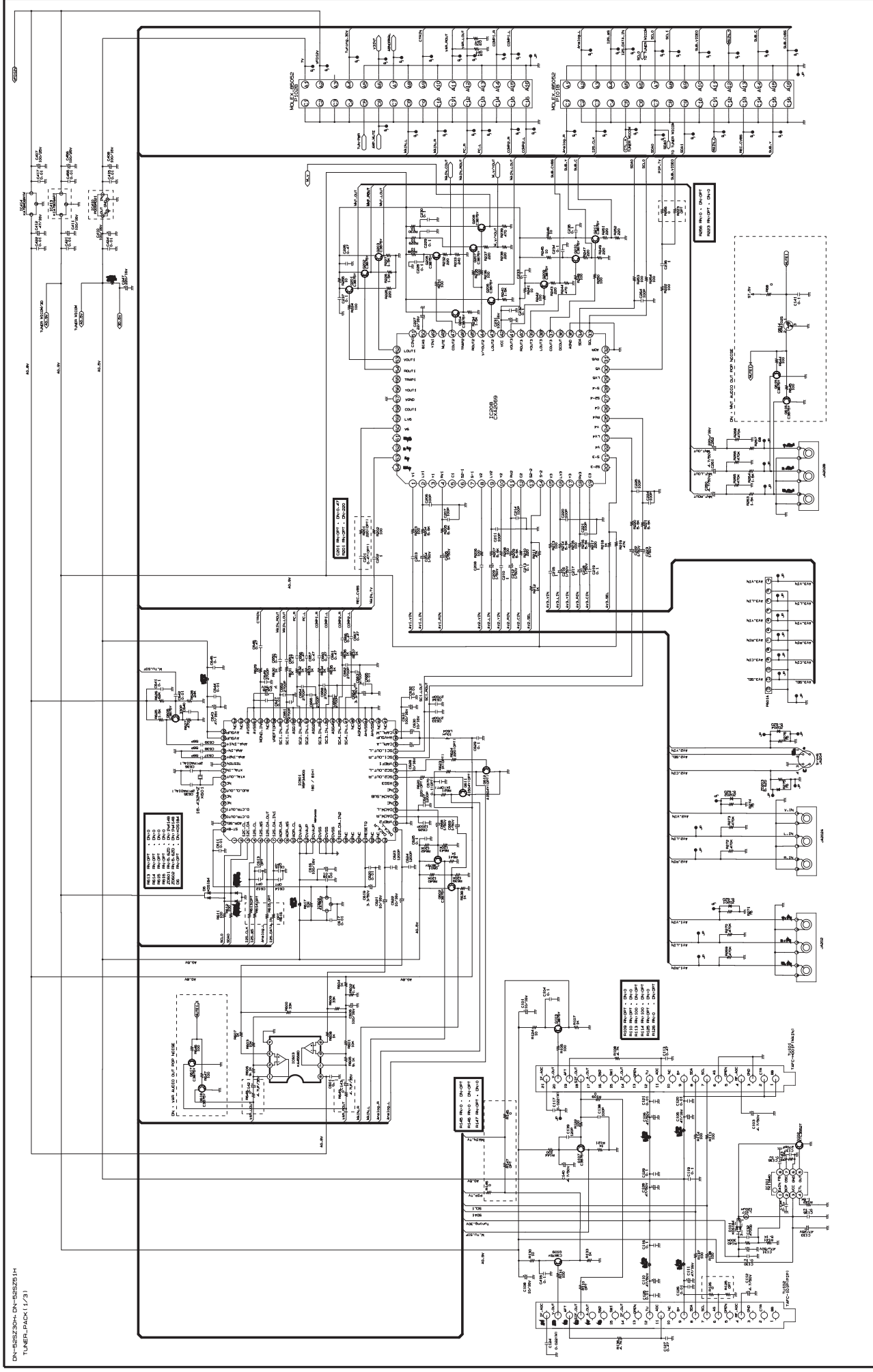
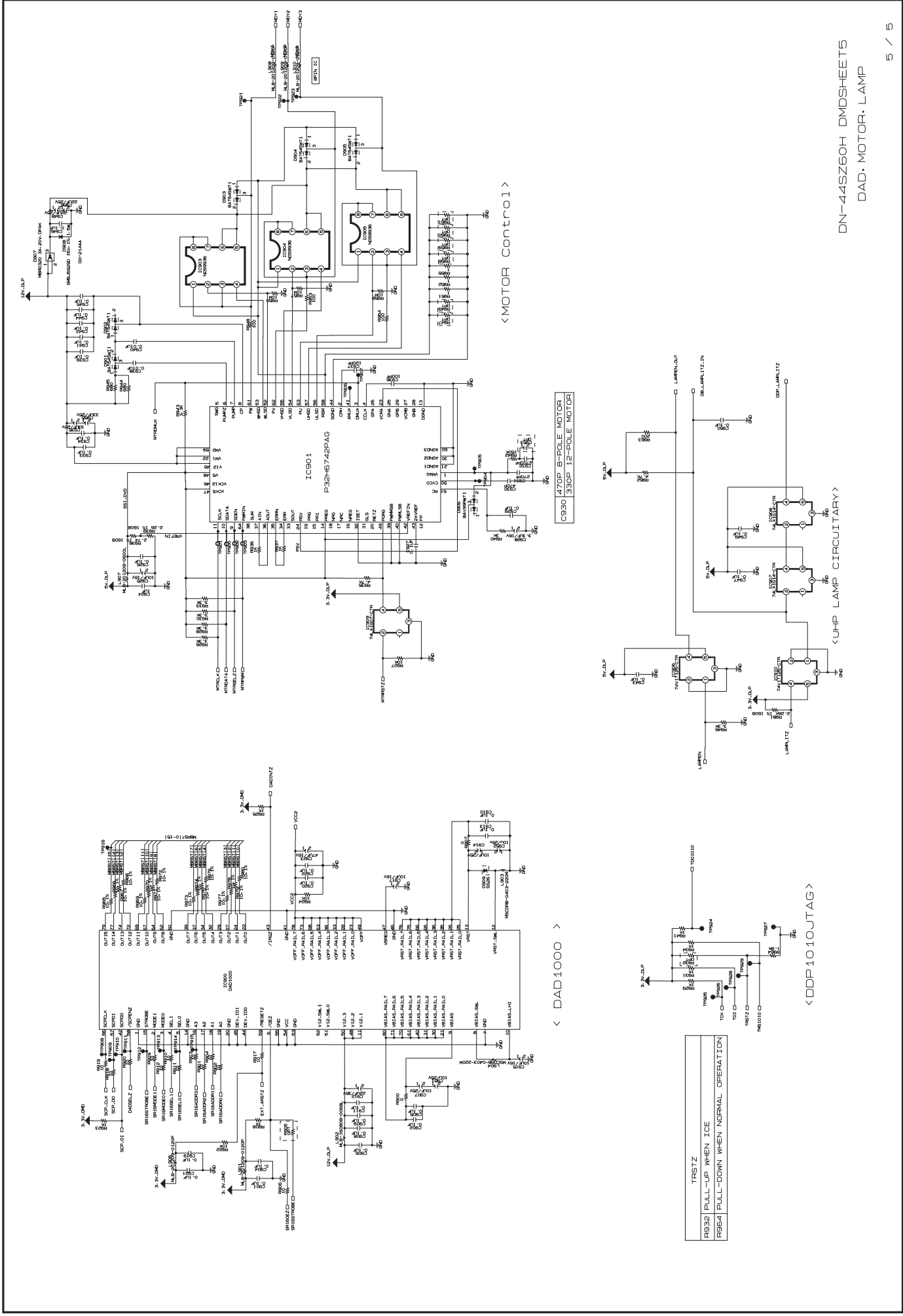


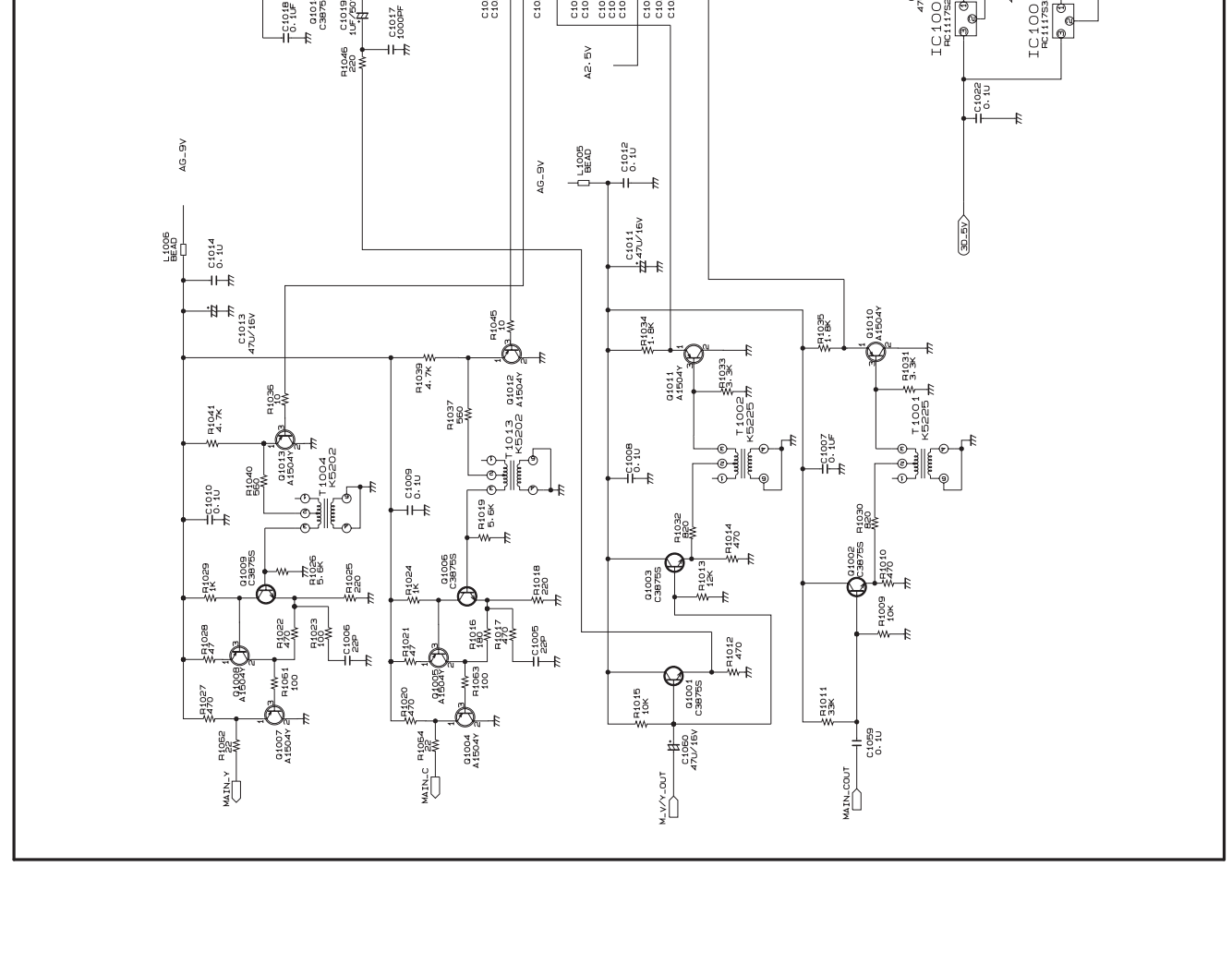
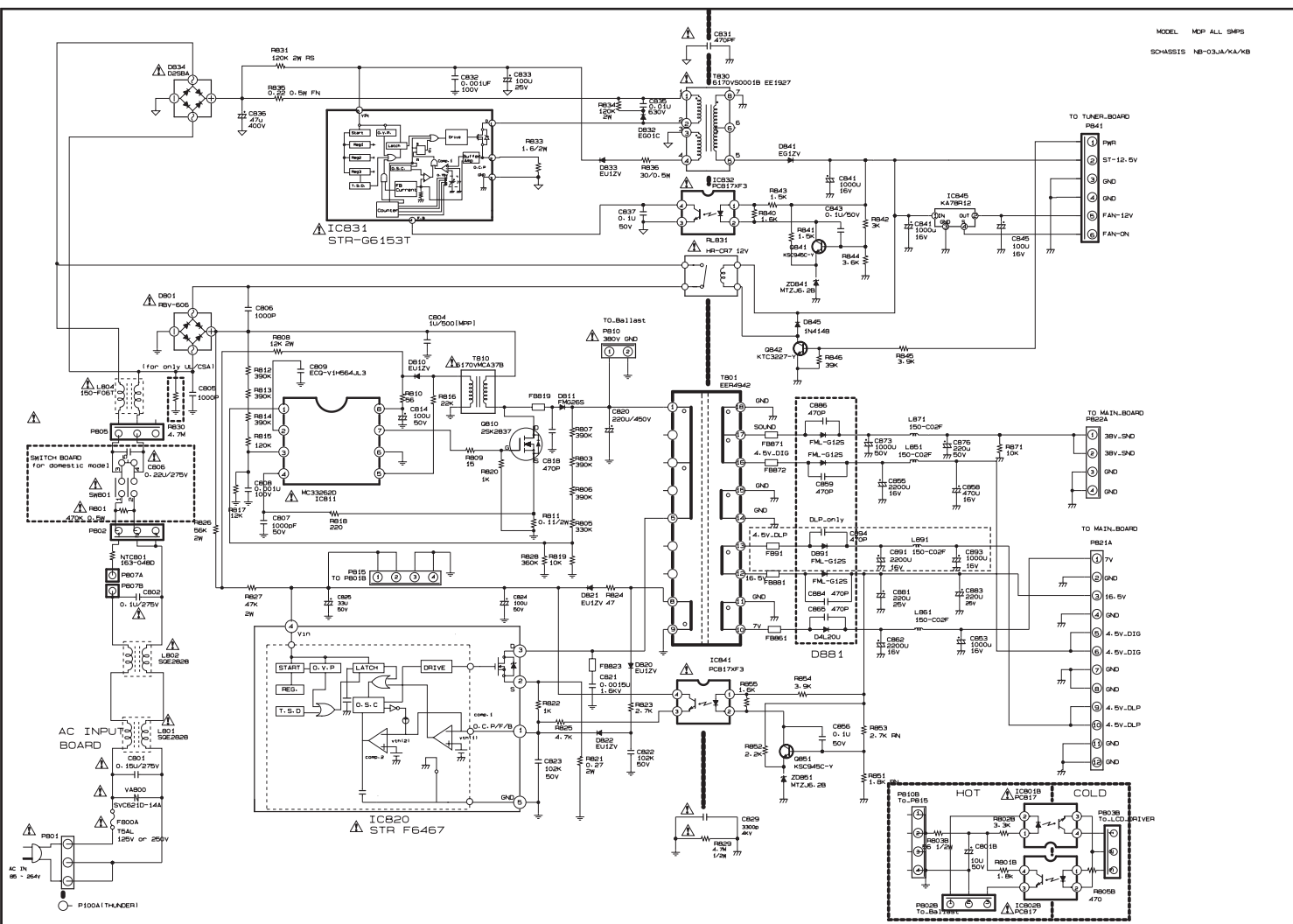
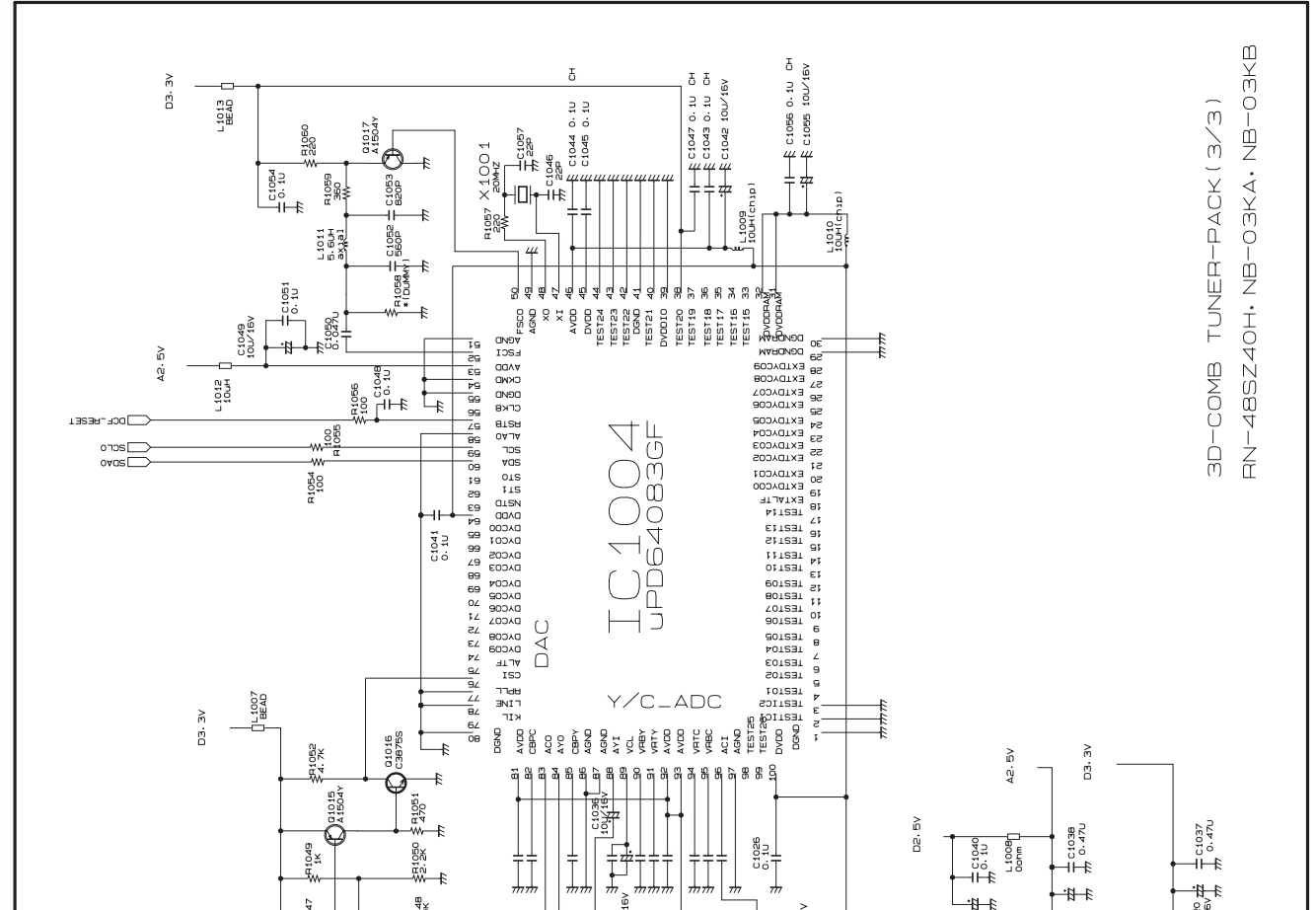
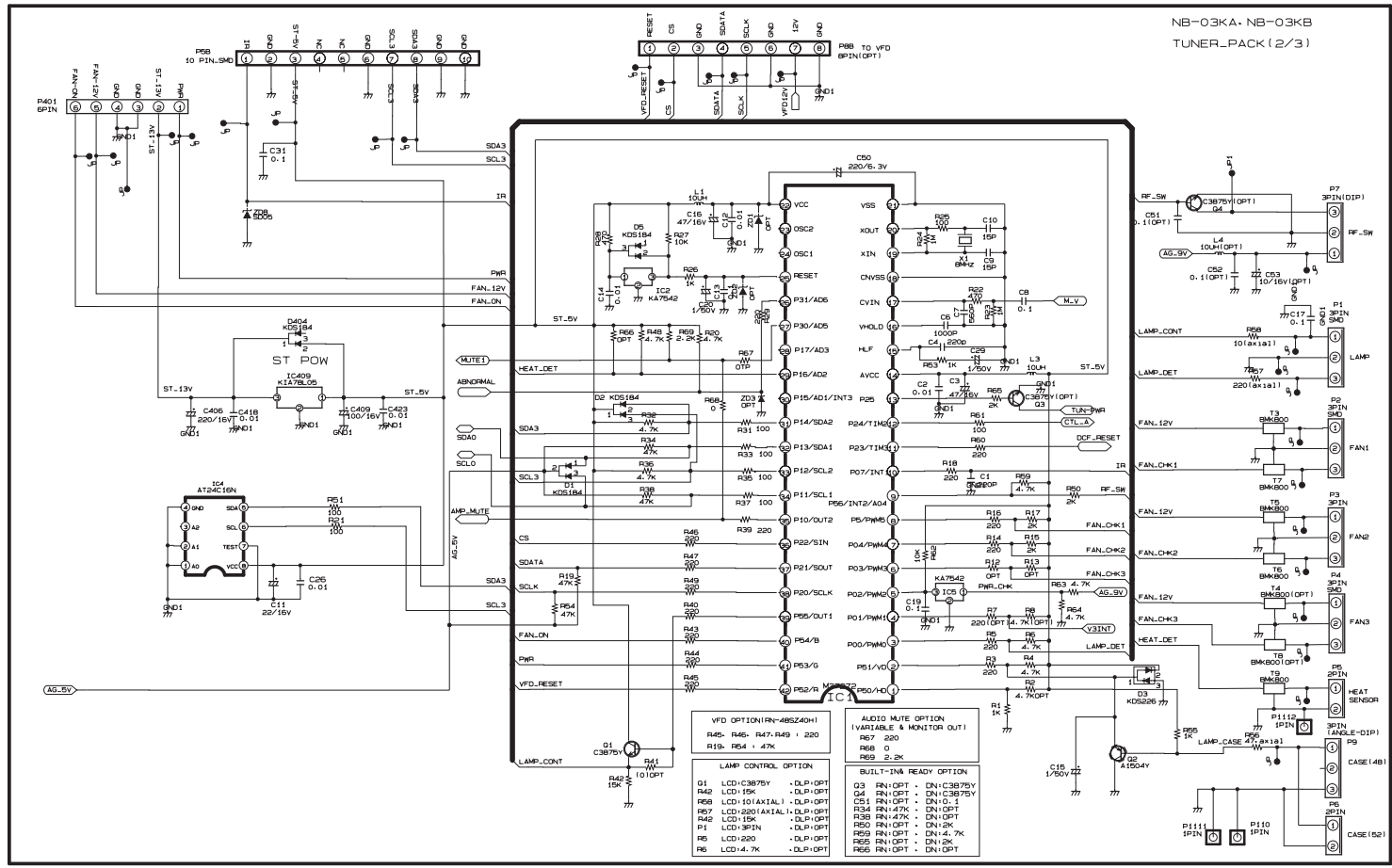
RN-4BSZ10H COMPONENT B/D





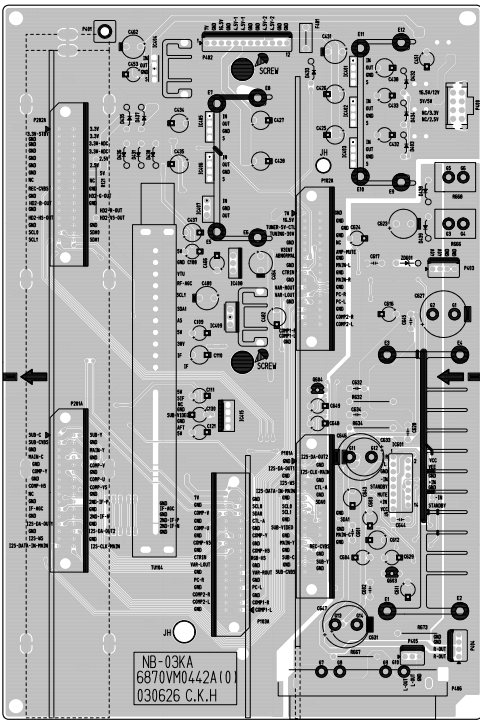




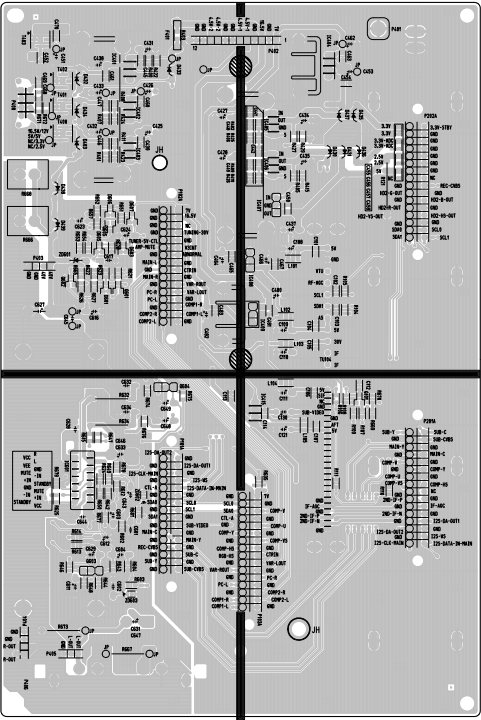


PRINTED CIRCUIT BOARD

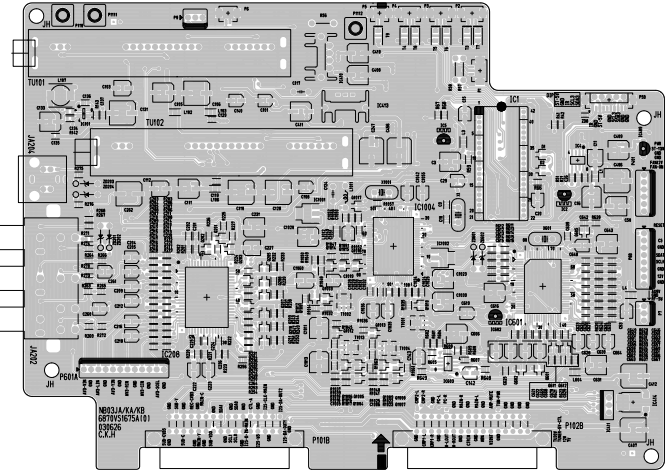
MAIN(TOP)



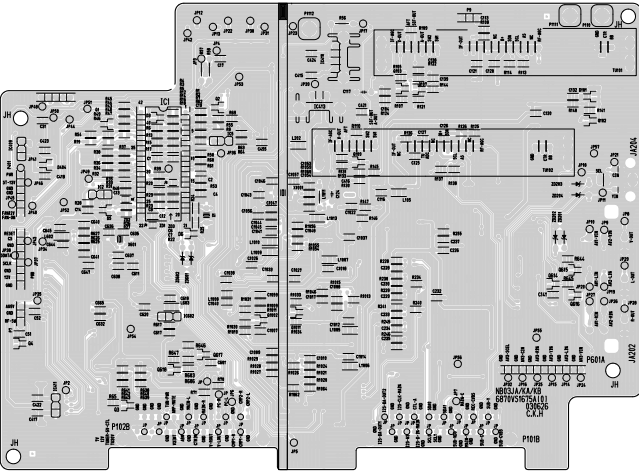
MAIN(BOTTOM)



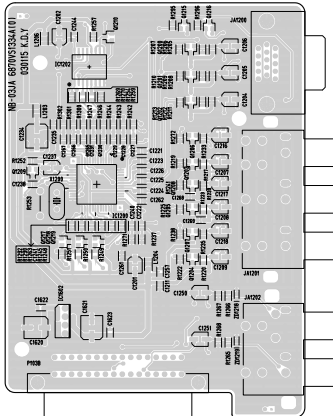
TUNER(TOP)



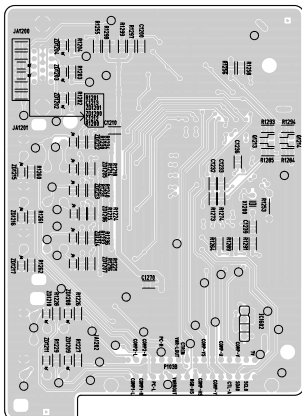
TUNER(BOTTOM)



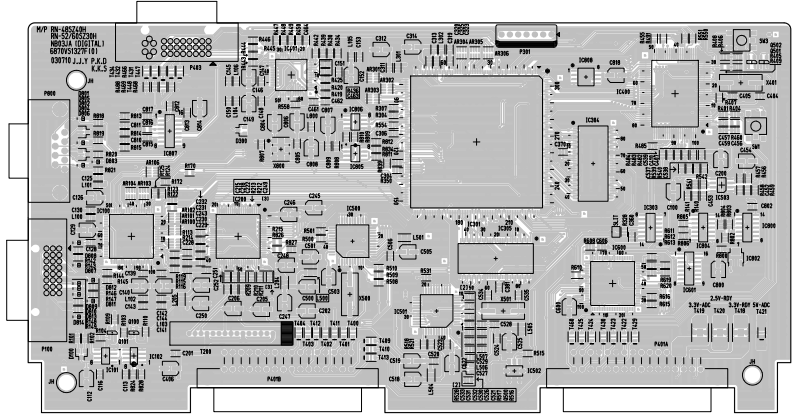
COMPONENT(TOP)



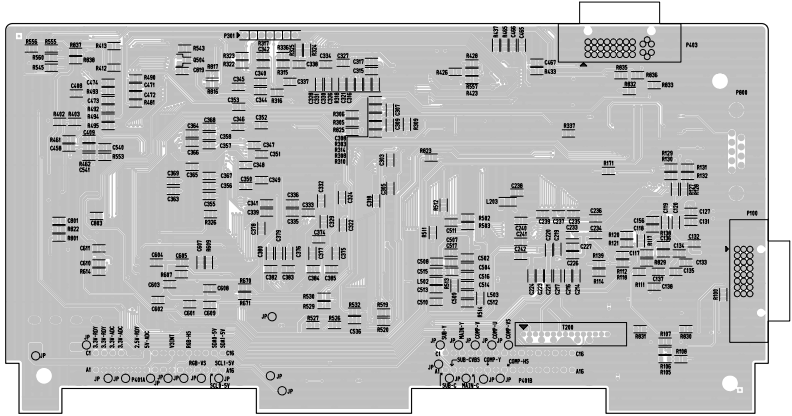
COMPONENT(BOTTOM)



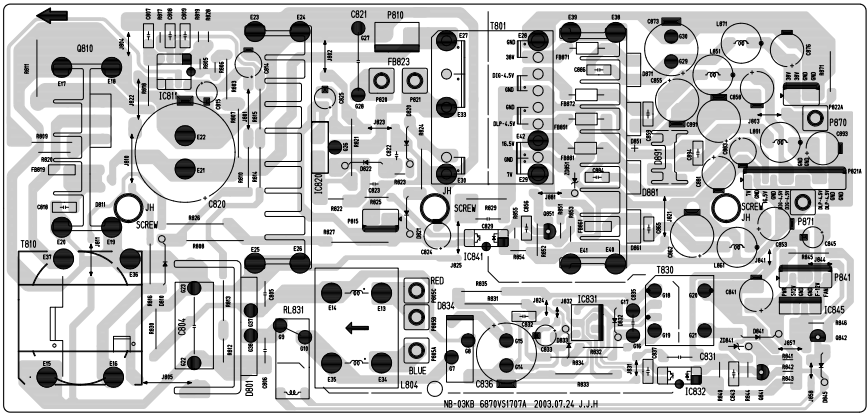
DIGITAL(TOP)



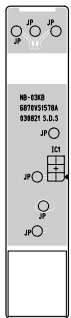
DIGITAL(BOTTOM)



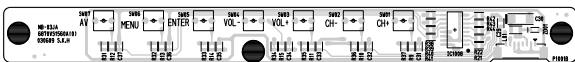
POWER(SMPS)



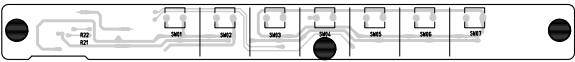
SUB EPOXY



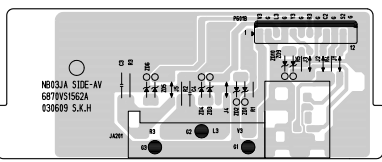
CONTROL(TOP)



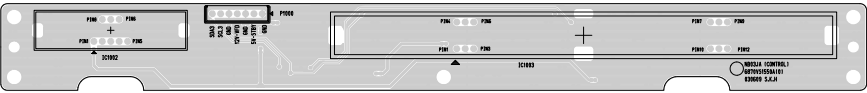
CONTROL(BOTTOM)



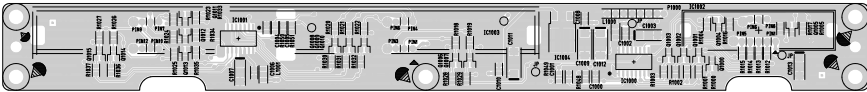
SIDE A/V



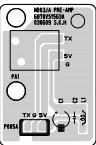
LED(TOP)



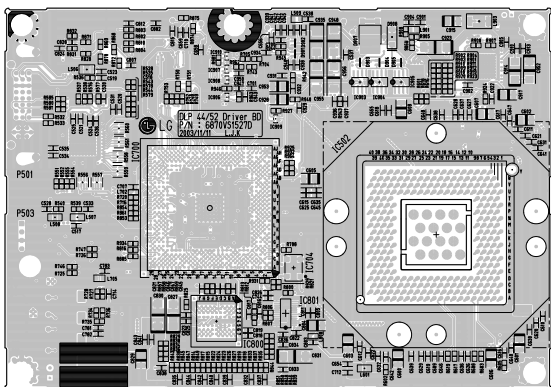
LED(BOTTOM)



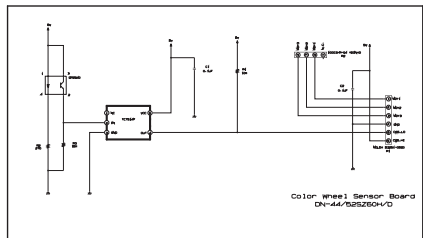
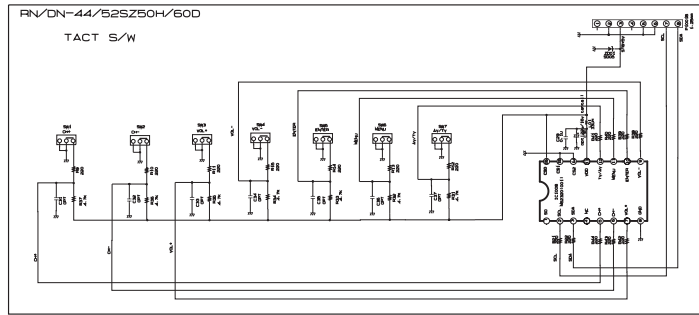
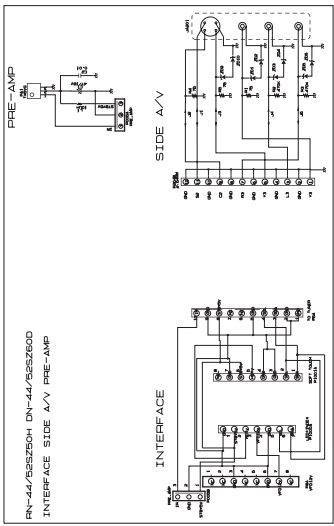
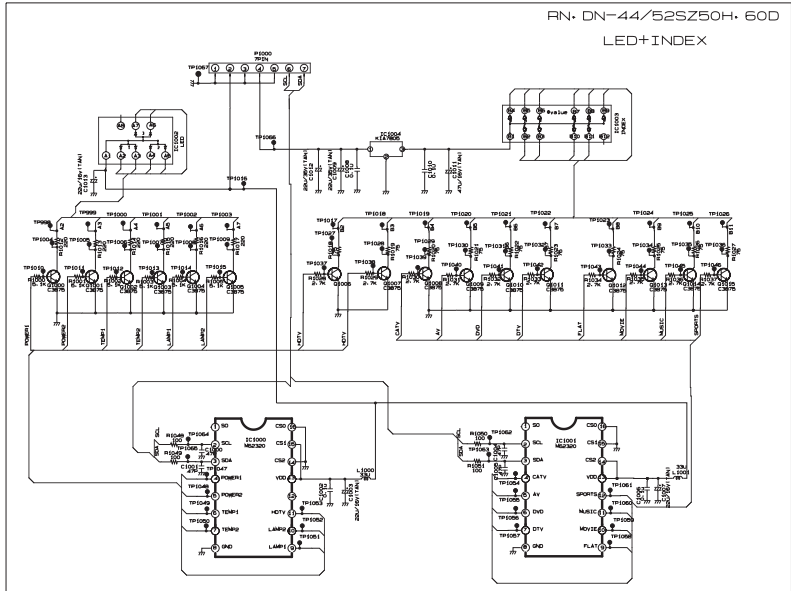
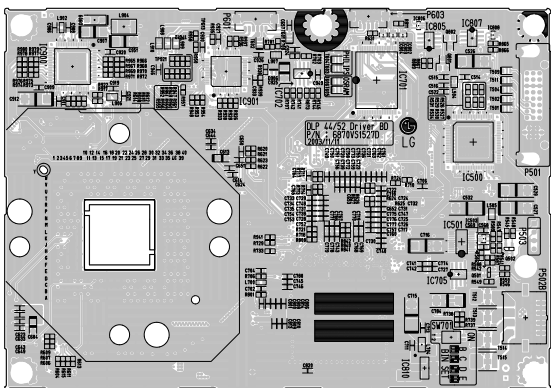
PRE-AMP



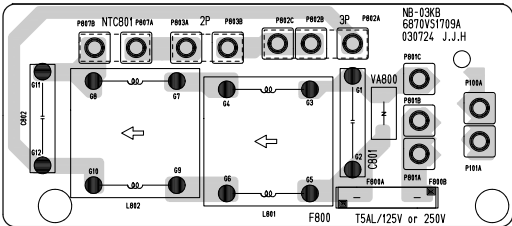
DRIVER(TOP)



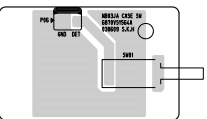
DRIVER(BOTTOM)



LINE FILTER



CASE SW



INTERFACE

